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Ceres Associates

Sustaining Environments Worldwide

April 5, 2006

Alice C. Clarno
Spirito Family Trust
1801 South Myrtle Avenue, Suite H
Monrovia, California 91016

RE: Soil and Groundwater Sampling Report
Excello Plating
4057 Goodwin Avenue
Los Angeles, California

Dear Ms. Clarno,

Ceres Associates is pleased to forward to you, one copy of the Soil and Groundwater Sampling Report for Excello Plating located at 4057 Goodwin Avenue, Los Angeles, California. After receipt of your approval, we will forward two hard copies and electronic copy to the RWQCB per their requirements.

Should you have any questions or concerns, please don't hesitate to give us a call at (310) 791-8699 and we will be happy to assist you.

Again, thank you for your business and it's been a pleasure serving you.

Sincerely,
Ceres Associates

David A. Jonas
Project Manager

555 First Street, Suite 303
Benicia, California 94510
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Spirito Family Trust

SOIL AND GROUNDWATER SAMPLING REPORT

Excello Plating Company
4057 Goodwin Avenue
Los Angeles, California 90039
RWQCB File No. 113.5243

Ceres Associates
Sustaining Environments Worldwide

23828 Hawthorne Boulevard, Suite 100
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Ceres Associates Project SC592-1
April 4, 2006

Prepared for:

Spirito Family Trust
1801 South Myrtle Avenue, Suite H
Monrovia, California 91016

SOIL AND GROUNDWATER SAMPLING REPORT
Excello Plating Company
4057 Goodwin Avenue
Los Angeles, California 90039

RWQCB File No. 113.5243
Ceres Associates Project SC592-1

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1.0 SUMMARY

1.1 SITE LOCATION

Excello Plating Company, Incorporated (Excello), formerly operated a metal plating facility at 4057 Goodwin Avenue, Los Angeles, California (Property). The Property is defined by it's Assessor's Parcel Number 5593-020-020 and 5593-020-019.

1.2 PURPOSE

The purpose of the subsurface soil and groundwater investigation detailed in this report was to assess the nature and extent of subsurface soil and groundwater contamination, from past or present useage, storage, treatment, and/or disposal of heavy metals, specifically hexavalent chromium (chromium VI), and volatile organic compounds on the Property.

Cleanup and Abatement Order No. R4-2003-0038 (CAO) was issued to Excello on June 20, 2003, by the Regional Water Quality Control Board - Los Angeles Region (RWQCB). The CAO directed Excello to assess, cleanup, and abate the effects of hazardous materials/wastes discharges to the soil and groundwater beneath the Property. The CAO required that a work plan be developed for the Property to assess the presence of soil and groundwater contamination by heavy metals and emerging chemicals, including chromium VI, 1,4-dioxane, and 1,2,3-trichloropropane, on the Property and in the vicinity of the Property.

In October 2003, ATC Associates (ATC) submitted a Work Plan to the RWQCB addressing the requirements of the CAO. The Work Plan consisted of the collection of soil samples from 13 locations and hydropunch groundwater samples from 5 locations on the Property. A meeting was held on September 24, 2004, between ATC, Excello, the RWQCB, and the Environmental Protection Agency (EPA), to discuss the Work Plan. The RWQCB requested that the Work Plan be revised to include 21 additional soil sampling locations and to install eight groundwater monitoring wells, eliminating the hydropunch groundwater sampling. The revised Work Plan was submitted to the RWQCB on October 14, 2004, and approved by the RWQCB on November 2, 2004, with some additional conditions and requirements. A copy of the revised Work Plan can be found in Appendix F and a copy of the Conditional Approval letter from the RWQCB can be found in Appendix H.

A Revised Cleanup and Abatement Order No. R4-2003-00638-R (R-CAO) was issued to the Spirito Family Trust (Spirito) by the RWQCB on June 2, 2005. A copy of the R-CAO can be found in Appendix G. Spirito assumed responsibility for implementing the assessment, cleanup, and abatement of the Property from Excello. Ceres Associates was retained by Spirito in December 2005 to assist in the assessment, cleanup, and abatement of the Property. On January 13, 2006, a meeting was held between Ceres Associates (Mr. Kenneth Durand and Mr. David Jonas), Spirito (Ms. Alice Clarno and Ms. Francine Cash), the RWQCB (Mr. Dixon Oriola), and the EPA (Mr. David Stensby and Mr. Lawrence Moore). The meeting was held to discuss the R-CAO and additions and changes

to the ATC Revised Work Plan. The approved changes decreased the number of soil sample locations to sixteen and the number of monitoring wells to be installed to three. Following this meeting, the assessment activities commenced.

1.3 SAMPLING AND ANALYSIS

From February 6 through February 8, 2006, Ceres Associates and its subcontractors advanced sixteen soil borings and installed three groundwater monitoring wells on the Property. Soil samples were collected from each of the soil borings as well as from the boreholes during the installation of the groundwater monitoring wells. The soil samples were analyzed for heavy metals, cyanide, 1,4-dioxane, 1,2,3-trichloropropane, pH, and volatile organic compounds. Results of the laboratory analysis detected significant concentrations of hexavalent chromium in the soil beneath the Property at concentrations up to 18,400 ppm. Elevated concentrations of nickel and cadmium were also detected in the soil beneath the Property at concentrations up to 2,600 ppm and 64 ppm, respectively.

After development of the three groundwater monitoring wells, groundwater samples were collected on February 23, 2006. The groundwater samples were analyzed for heavy metals, cyanide, 1,4-dioxane, 1,2,3-trichloropropane, and volatile organic compounds. Elevated concentrations of hexavalent chromium were detected by the analytical laboratory in the groundwater samples collected from the three monitoring wells at concentrations up to 317 ppb. Elevated concentrations of tetrachloroethene (PCE) and trichloroethene (TCE) were also detected in the groundwater samples collected during this assessment. PCE was detected by the analytical laboratory in the groundwater samples at concentrations up to 100 ppb. TCE was detected by the analytical laboratory in the groundwater samples at concentrations up to 200 ppb, respectively.

1.4 RECOMMENDATIONS

Based on the results of this assessment, Ceres Associates recommends advancing additional soil borings in the former Hard Chrome Process Area to further characterize the vertical and lateral extent of hexavalent chromium contamination in the soil in this area. Based on earlier meetings with the RWQCB, Ceres Associates recommends installing two downgradient groundwater monitoring wells on Sequoia Street as well as one upgradient groundwater monitoring well towards the north-northeast corner of the Property. Quarterly groundwater sampling program of the current groundwater monitoring wells on the Property should also commence. Ceres Associates will prepare a work plan which will identify the locations of the additional soil borings in the former Hard Chrome Process Area as well as locations for the additional monitoring wells. Following the results of the next phase of sampling, Ceres Associates will prepare a Remedial Action Plan (RAP) addressing the alternatives for remediating the impacted soil on the Property.

2.0 PROPERTY HISTORY

2.1 PROPERTY HISTORY

From 1946 to 1956, the Property was occupied by Plating Engineering, Inc. A fire destroyed the building in 1957. The building was reconstructed, and Excello has occupied the Property since 1957. Since 1963, Excello primarily conducted plating, anodizing, and painting of aerospace parts. The primary chemicals historically used on the Property included muriatic acid, nitric acid, sulfuric acid, caustic soda, sodium hypochlorite, chromic acid, sodium cyanide, 1,1,1-TCA, cadmium oxide, nickel sulfate, nickel chloride, nickel acetate, phosphoric acid, manganous sulfate, barium carbonate, sodium bicarbonate, and ammonium nitrate. Please refer to Figure 2 - Soil Boring and Monitoring Well Locations, for a layout of the plating operations prior to the closure of the business in Fall 2005.

There were three main process areas within the building: the Decorative Chrome Plating Department, the Anodized Plating Process Area, and the Hard Chrome Process Area. The aboveground tanks located in the Decorative Chrome Plating Department contained solutions of cadmium, zincate, copper, nickel, acids, and decorative chrome. The tanks located n the Anodized Plating Process Area contained solutions of nickel rinsate, dichromate, chromatic acid, and acid. The Hard Chrome Process Area contained the hard chrome tanks. The process areas were located within 8-inch tall, concrete bermed areas with a wooden platform built on top of the berm at a height approximately four feet above the concrete floor. The bermed areas were designed to contain spills associated with the plating tanks.

Waste liquids were either disposed to the sewer (via a multi-stage clarifier) or transported to a treatment and disposal facility. Waste liquids disposed to the sewer were sampled on a monthly basis by Excello and the City of Los Angeles and analyzed for disposal compliance. A vapor degreaser was historically used at the site; however, in 2003, it was removed and replaced with a closed system parts washer.

The following is a summary of reports and correspondence reviewed by ATC, Associates, Inc. (ATC), at the LARWQCB on September 18, 2003, as documented in the Work Plan submitted by ATC to the LARWQCB on October 14, 2004:

- August 17, 1993. Well Investigation Program - Initial Site Inspection letter from the LARWQCB to Mr. Glen Harleman. An inspection by a member of the LARWQCB identified five areas of concern pertaining to the past and present methods for handling chemicals and waste. The areas of primary concern were: 1) no secondary containment was around the solvent parts degreaser; 2) the asphalt-pavement surrounding the building was cracked, providing potential pathways to soil; 3) metal-rich plating solutions, mineral spirits, and 1,1,1-TCA have been used at the site; 4) no secondary containment was around the paint spray gun cleaning equipment; and 5) a four stage clarifier was in the yard. Based on the five observations, a soil-gas investigation was required.

- December 9, 1993. *Soil Vapor Survey Report*, prepared by AeroVironment Inc. Twelve soil vapor samples were collected and analyzed for volatile organic compounds (VOCs) from a depth of 5 feet below ground surface (bgs). The following VOCs were detected in the soil gas samples: 1,1-dichloroethene (1,1-DCE), 1,1-dichloroethane (1,1-DCA), 1,2-dichloroethane (1,2-DCA), 1,1,1-trichloroethane (1,1,1-TCA), trichloroethene (TCE), and tetrachloroethene (PCE). The maximum concentrations of 1,1-DCE (124.03 micrograms per liter [μg/L]), 1,1,1-TCA (2,245.42 μg/L), TCE (113.24 μg/L), and PCE (9.32 μg/L), were detected in soil gas samples located adjacent to the floor drains in the central area of the building. The maximum concentrations of 1,1-DCA (74.06 μg/L) and 1,2-DCA (2.70 μg/L) were located adjacent to the degreaser. No VOCs were detected in soil gas samples collected from adjacent to the clarifier. A soil gas sample collected from within the painting booth contained 1,1,1-TCA at a concentration of 61 μg/L, with lesser amounts of TCE and PCE. No VOCs were detected in soil gas samples collected from the northern end of the Property near the drum storage area and shed. AeroVironment concluded that lateral and vertical extent of VOC contamination needs to be better defined and proposed additional work.

- September 1994. *Phase II Soil Vapor Survey Report*, prepared by AeroVironment Inc. Sixteen soil vapor samples were collected and analyzed for VOCs. The only VOCs detected during this investigation were 1,1-DCE, 1,1-DCA, 1,1,1-TCA, TCE, and PCE. The highest concentrations were detected near the floor drains. The highest concentration of 1,1,1-TCA (6,605 μg/L) was detected in the southern end of the building at a depth of 5 feet bgs. At a depth of 15 feet bgs, 1,1,1-TCA decreased to 884 μg/L.

- May 30, 1996. *Soil Gas Survey Workplan*, prepared by Daly Environmental Services (DES). The objective of this Workplan was to determine the vertical extent of chlorinated hydrocarbons (specifically 1,1,1-TCA) beneath the site. DES proposed to collect soil gas samples from beneath former sample points previously collected by AeroVironment at depths of 25 feet and 35 feet bgs.

- September 30, 1996. *Results of a Soil Gas Survey and Groundwater Investigation*, prepared by DES. The May 30, 1996 Workplan was implemented. VOCs were detected at a depth of 25 feet and 35 feet bgs. However, at a depth of 35 feet bgs (near the water table), the VOCs did not exceed 21 μg/L. Based on the results of the soil gas survey, DES concluded that the chlorinated hydrocarbon concentrations decreased significantly, and a "No Further Requirements" letter was requested from the RWQCB.

- December 26, 1996. "No Further Requirements" letter from the RWQCB to Excello Plating. The letter stated that the shallow soil vapor sampling identified severe VOC contamination in the floor drain area, the latest deeper sampling indicates either the impact has diminished by natural processes or it was limited to a very small volume of soil. The remaining soil contamination is not a substantial continuing threat to groundwater quality and therefore cleanup is not warranted.

- April 23, 2001. Letter to Excello from the RWQCB regarding "Site Inspection at Excello Plating." A site inspection was completed at the site to assess the threat posed by chromium and other heavy metals.

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A Revised Cleanup and Abatement Order No. R-2003-00638-R (R-CAO) was issued to the Spirito Family Trust (Spirito) by the RWQCB on June 2, 2005. Due to private circumstances, Spirito assumed responsibility for implementing the assessment, cleanup, and abatement of the Property from Excello. Ceres Associates was retained by Spirito in December 2005 to assist in the assessment, cleanup, and abatement of the Property. On January 13, 2006, a meeting was held between Ceres Associates (Mr. Kenneth Durand and Mr. David Jonas), Spirito (Ms. Alice Clarno and Ms. Francine Cash), the RWQCB (Mr. Dixon Oriola), and the EPA (Mr. David Stensby and Mr. Lawrence Moore). The meeting was held to discuss the R-CAO and additions and changes to the ATC Revised Work Plan. The approved changes decreased the number of soil sample locations to sixteen and the number of monitoring wells to be installed to three. Following this meeting, the assessment activities commenced.

3.0 SOIL SAMPLING ACTIVITIES

3.1 SOIL SAMPLING

Prior to soil sampling activities, individual boring locations were cleared using USA notification processes as well as a private utility locating service, Util-Locate, LLC, of La Mirada, California. Underground pipelines and conduits which were identified within the boring area were marked on the surface. The individual boring locations were cleared of subsurface utilities.

A Health and Safety Plan, prepared by Advanced Chemical Safety of San Diego, California, was used to facilitate a pre-drilling safety meeting prior to conducting work. Signatures of attendees were collected at the meeting indicating an understanding of the risks and hazards involved in the drilling process. Additionally, people entering the work zone were also required to sign the document. A copy of this document was kept on site during the drilling process. A copy of the Health and Safety Plan can be found in Appendix D - Health and Safety Plan.

PURPOSE OF BORING LOCATIONS

Sixteen soil borings were advanced on the Property (refer to Figures 2 - Sample Location Map). Five soil borings (B2, B5, B6, B8, and B10) were advanced in the former Decorative Chrome Plating Department. Four soil borings (B15 - B18) were advanced in the former Anodized Plating Process Area. Four soil borings (B19 - B22) were drilled in the former Hard Chrome Process Area. Two soil borings (B14 and B23) were advanced adjacent to floor drains located inside the Property building. One soil boring (B28) was advanced adjacent to the clarifier located towards the south perimeter of the Property. Each soil boring was advanced to a total depth of 25-feet bgs, and soil samples were collected at the 1-, 5-, 10-, 15-, 20-, and 25-feet bgs intervals from each soil boring location. The purpose of the soil boring locations was to assess if heavy metals, specifically chromium VI, cyanide, 1,4-dioxane, and 1,2,3-trichloropropane have impacted the subsurface environmental quality of the Property.

SAMPLE METHODOLOGY

On February 6 and 7, 2006, sixteen soil boring locations were advanced using Geoprobe® Model 5410 sampling equipment provided by Vironex, Incorporated, of Santa Ana, California. Prior to advancing the Geoprobe® rig, a four-inch diameter concrete core was removed from each location exposing the subsurface soil.

The Geoprobe® Model 5410 sampler utilizes direct push technology to collect soil samples from specific subsurface depths without generating soil cuttings. The Geoprobe® sampling system consists of a series of 1.5-inch diameter hollow stainless steel rods which were hydraulically driven into the ground using a truck-mounted pneumatic hammer. Soil samples were then collected by driving an approximately 4-foot long stainless steel sample sleeve attached to the end of the steel rods into soil at a specified sample depth. Soil samples were then collected in an acetate sample tube

installed inside the sample sleeve. After the rod assembly was hydraulically extended to the target sample depth, the sample sleeve was retrieved to ground surface and the acetate sample tube containing soil from the appropriate sample interval was capped with Teflon®-lined plastic end caps, labeled with unique identification, placed in a Ziplock® bag, and stored in a chest cooled with crushed ice. Ceres Associates followed Chain-of-Custody protocol. Excess soil was used for lithologic purposes.

After soil samples had been collected, each borehole was backfilled with bentonite chips hydrated with water and the ground surface was repaired with concrete. Attempts were made to complete the boreholes to match the existing surface.

3.2 LABORATORY ANALYSIS

Ceres Associates, following chain of custody protocols, released soil samples to Advanced Technologies Laboratories of Signal Hill, California, a State of California-certified analytical laboratory. Soil samples were analyzed for Title 22 Metals using United States Environmental Protection Agency (U.S. EPA) Method 6010B/7471, chromium VI using U.S. EPA Method 3060A/7199, cyanide using U.S. EPA Method 9010B, 1,4-dioxane using U.S. EPA Method 8270C, 1,2,3-trichloropropane using U.S. EPA Method 8260B, and soil pH.

3.3 ANALYTICAL LABORATORY RESULTS

Results of the laboratory analysis indicated significant concentrations of chromium VI in the soil beneath the Property. Soil borings B19 through B22 were advanced inside the former Hard Chrome Processing Area and soil boring B23 was drilled adjacent to a floor drain located adjacent to the west side of the Hard Chrome Processing Area. Chromium VI concentrations were reported in this area up to 18,400 milligrams per kilogram (mg/kg or parts per million [ppm]). The highest concentration was detected in the 10-feet bgs sample collected in soil boring B22. The reported concentrations were generally highest in the shallower intervals and decreased towards the deeper intervals. Concentrations of total chromium generally mirrored the reported chromium VI concentrations. The U.S. EPA Region 9 Soil Screening Levels (SSLs) for chromium VI and total chromium are 38 ppm.

Significant concentrations of chromium VI and total chromium were also detected in soil borings B15 and B16 which were advanced inside the former Anodized Plating Process Area. Soil sample B15-1 was reported to have a chromium VI concentration of 82.8 ppm and a total chromium concentration of 450 ppm. Soil sample B15-5 was reported to have a total chromium concentration of 2,100 ppm. The deeper soil samples collected from soil boring B15 were reported to below the respective SSLs for chromium VI and total chromium. Soil sample B16-1 was reported to have a chromium VI concentration of 353 ppm and a total chromium concentration of 2,300 ppm. Soil sample B16-1 was reported to have a chromium VI concentration of 573 ppm and a total chromium concentration of 85 ppm. Soil sample B16-20 was reported to have a total chromium concentration of 62 ppm. Soil sample B16-25 was reported to have a chromium VI concentration of 39.6 ppm and a total chromium concentration of 56 ppm.

Elevated concentrations of nickel were reported in the one-foot bgs soil samples collected from soil borings B5 and B10 at concentrations of 760 ppm and 2,600 ppm, respectively. Soil borings B5 and B10 were advanced inside the former Decorative Chrome Plating Department. Elevated concentrations of cadmium were also detected in this area. Soil samples B2-1, B5-1, B5-10 and B10-1 were reported to have cadmium concentrations of 50 ppm, 38 ppm, 64 ppm, and 22 ppm, respectively. Refer to Table 1 - Analytical Laboratory Results (Soil [Heavy Metals]).

1,4-dioxane and 1,2,3-trichloropropane were not reported by the analytical laboratory above their method detection limits for the soil samples collected during this assessment. Cyanide was detected in soil samples B2-1, B2-10, B2-25, B5-25, and B6-25 at concentrations of 18 ppm, 0.65 ppm, 0.62 ppm, 0.72 ppm, and 0.52 ppm, respectively. Refer to Table 2 - Analytical Laboratory Results (Soil [Cyanide, 1,4-dioxane, 1,2,3-TCP, and pH]).

3.4 SOIL CONDITIONS

The soil beneath the Property consists predominantly of silty sands (SM) and fine to medium grained sands (SP) to depths of approximately 20 feet bgs. Below 20 feet bgs, the soil consists mainly of coarser grained sands (SP-SW) with gravel lenses to depths of approximately 70 feet bgs.

4.0 MONITORING WELL INSTALLATION

4.1 MOBILIZATION ACTIVITIES

Prior to the initiation of field activities, a monitoring well installation permit was obtained from the City of Los Angeles Department of Health Services Water & Sewage/Mountain & Rural Programs - Environmental Health Division. Upon receipt of the permit, Ceres Associates began field activities (refer to Appendix E for a copy of the permit).

Mobilization activities conducted for this assessment including the notification of Underground Services Alert (USA) and coordinating of Util-Locate, LLC, to clear the proposed borehole locations of potential underground utilities. The proposed borehole locations were cleared of subsurface utilities.

Prior to commencement of the monitoring well installation activities, a field health and safety meeting was conducted between Ceres Associates and the drillers, West Hazmat Drilling Corporation (West Hazmat) of Anaheim, California. The health and safety plan was reviewed and signed by the members of the West Hazmat drilling team performing the monitoring well installation activities.

4.2 MONITORING WELL INSTALLATION

Three four-inch diameter groundwater monitoring wells (MW1 though MW3) were installed on the Property for this investigation on February 6 through 8, 2006. The boreholes were drilled using a limited access hollow-stem auger drill rig with an 8-inch diameter auger. Upon completion of soil sampling activities (refer to Section 4.3 - Soil Sampling Activities), Schedule 40 PVC blank and 0.020-inch slotted piping were placed into the boreholes through the hollow-stem augers. Each length of pipe, both slotted and blank, were connected by threaded joints. The annulus of the monitoring wells were then filled with clean sand (#3 Silica Sand) to between six feet and nine feet above the slotted well casings. The sand was poured around the casings while the augers were concurrently raised. Each well was surged when the top of the slotted interval was reached in order to settle the sand providing the proper sand pack.

The remaining annulus of each well was then backfilled with 3/8-inch hydrated bentonite chips to a depth of two-feet bgs to form an impermeable barrier. The top of the well casings were then cut to a depth of approximately six inchs bgs, fitted with a locking well cap, and encased in a traffic-rated well box for protection. The well boxes were set in concrete approximately 1/8 inch above the ground surface to help minimize surface water run-off from entering the well box.

MW1 was completed to a total depth of 65 feet bgs. The slotted screen interval was completed from 35 feet bgs to 65 feet bgs. MW2 was completed to a total depth of 69 feet bgs. The slotted screen interval was completed from 39 feet bgs to 69 feet bgs. MW3 was completed to a total depth of 69

feet bgs. The slotted screen interval was completed from 39 feet bgs to 69 feet bgs. Well construction details can be found on the soil boring logs located in Appendix B - Soil Boring/Monitoring Well Logs.

4.3 SOIL SAMPLING ACTIVITIES

Undisturbed soil samples were collected from each borehole during the installation of the three groundwater monitoring wells on the Property. Soil samples were collected from each monitoring well location starting with a one-foot bgs soil sample then at five-foot intervals starting with the five-feet bgs interval until the water table was encountered. The monitoring wells were drilled using a limited access hollow-stem auger drill rig. Soil samples were collected in 6-inch long, 2-inch diameter brass rings retained in a modified California Split Spoon Sampler. The sampler was attached to a sliding hammer, lowered through the augers to the target depth, and driven 18 inches into the soil by repeatedly pounding the sampler with a 140-pound hammer dropped from a height of approximately 32 inches.

To avoid cross-contamination of soil samples, the sampler and rings were cleaned prior to each assembly by cleaning in a non-phosphate detergent and then triple rinsed using deinonized water. Additionally, all augers were steam-cleaned between boreholes to further prevent cross-contamination of the soil samples.

4.4 LABORATORY ANALYSIS

Ceres Associates, following chain of custody protocols, released soil samples to Advanced Technologies Laboratories of Signal Hill, California, a State of California-certified analytical laboratory. Each of the soil samples collected during the installation of monitoring wells MW1, MW2, and MW3 were analyzed for Title 22 Metals using United States Environmental Protection Agency (U.S. EPA) Method 6010B/7471, chromium VI using U.S. EPA Method 3060A/7199, VOCs using U.S. EPA Method 8260B, cyanide using U.S. EPA Method 9010B, and soil pH. The soil samples collected at the one-, twenty-, and forty-five-feet bgs intervals were also analyzed for 1,4-dioxane using U.S. EPA Method 8270C and 1,2,3-trichloropropane using U.S. EPA Method 8260B.

4.5 ANALYTICAL LABORATORY RESULTS

Results of the laboratory analysis for the soil samples collected during the installation of the three groundwater monitoring wells reported significant concentrations of total chromium in soil samples MW2-5, MW2-10, and MW3-1 at concentrations of 55 ppm, 77 ppm, and 110 ppm, respectively. Elevated concentrations of cadmium were reported in soil samples MW2-1, MW2-5, MW2-10, MW2-20, MW2-25, and MW2-30 at concentrations of 21 ppm, 20 ppm, 16 ppm, 59 ppm, 28 ppm, and 11 ppm (refer to Table 1 - Analytical Laboratory Results (Soil [Heavy Metals]).

1,4-dioxane and 1,2,3-trichloropropane were not reported by the analytical laboratory above their method detection limits for the soil samples collected during the installation of the three groundwater

monitoring wells on the Property. Cyanide was detected in soil samples MW2-1, MW2-5, MW2-10, MW2-25, MW2-35, MW2-40, and MW2-45 at concentrations of 11 ppm, 4.7 ppm, 26 ppm, 0.38 ppm, 0.50 ppm, 0.30 ppm, and 0.45 ppm, respectively. Refer to Table 2 - Analytical Laboratory Results (Soil [Cyanide, 1,4-dioxane, 1,2,3-TCP, and pH]).

4.6 MONITORING WELL DEVELOPMENT

The five monitoring wells were developed by West Hazmat on February 16, 2006. The monitoring wells were developed using a Schmeal 4T well development rig. Each well was surged, bailed, and purged until a minimum of at least three well casing volumes of groundwater were purged. Turbidity and recovery rates were measured during the well development activities. Extracted groundwater was placed into 55-gallon steel drums, stored on the Property pending profiling and disposal.

Depth to groundwater in monitoring well MW1 prior to development was 48.32 feet bgs, and there was approximately 10 feet of sediment measured at the bottom of the well. A total of approximately 65 gallons of groundwater was purged from monitoring well MW1. Monitoring well MW1 had the slowest recovery rate of the three monitoring wells recovering approximately one-foot per five minutes. Depth to groundwater in monitoring well MW2 prior to development was 47.57 feet bgs and there was minimal sediment measured at the bottom of the well. A total of approximately 105 gallons of groundwater was purged from monitoring well MW2. Monitoring well MW2 had the quickest recovery rate of the three monitoring wells recovering approximately one-foot per thirty seconds. Depth to groundwater in monitoring well MW3 prior to development was 47.63 feet bgs, and there was approximately 9 feet of sediment measured at the bottom of the well. A total of approximately 70 gallons of groundwater was purged from monitoring well MW3. Monitoring well MW3 had a recovery rate of approximately one-foot every minute. Turbidity levels at the end of the development activities were at least below 50 units for each of the three monitoring wells.

4.7 SURVEYING

Elevations to the top of the well casings relative to sea level of the three monitoring wells were surveyed on March 7, 2006, by Wilson Surveying, Incorporated, a State of California-licensed land surveying company located in Palmdale, California. Elevations were measured using City of Los Angeles Benchmark # 09-01562, which has an elevation of 455.445 feet above mean sea level (amsl). The elevations to the top of the well casings for MW1, MW2, and MW3 are 445.19 feet amsl, 446.37 feet amsl, 446.57 feet amsl, respectively.

5.0 GROUNDWATER SAMPLING ACTIVITIES

5.1 GROUNDWATER SAMPLING

On February 23, 2006, Ceres Associates sampled monitoring wells MW1, MW2, and MW3. Prior to purging the monitoring wells, the depth to groundwater and total well depth were measured using a water level meter equipped with a sounding device. These well measurements were then used to calculate the well volumes of groundwater to be purged from each monitoring well. The measurements were taken from the top of each well casing and recorded in the field on sample event data sheets (Refer to Appendix C - Sample Event Data Sheets).

The monitoring wells were purged using a submersible pump. A minimum of three casing volumes were purged from each monitoring well prior to the collection of groundwater samples. Purge water was placed in 55-gallon drums and left on-site pending off-site disposal. Temperature, pH, conductivity, and turbidity were monitored during the well purging process. Readings were taken after the removal of one casing volume of water and after the removal of each additional casing volume. This data was recorded on the monitoring well sample event data sheets (refer to Appendix C - Sample Event Data Sheets). After purging, the wells were allowed to recover prior to sampling. After each well has recovered to at least 80 percent of the static water level, groundwater samples were collected from each well.

Groundwater samples were collected from each monitoring well using individual disposable polyethylene bailers equipped with a bottom emptying device. Groundwater from each monitoring well was placed into six 40 ml VOAs preserved with HCl, one 8 ounce plastic container preserved with NaOH, one 8 ounce plastic container without a preservative, one 16 ounce plastic container preserved with HNO3, and one 32 ounce amber glass without a preservative. Different sample containers were used depending on the analysis. The sample containers were prepared and supplied by Advanced Technologies Laboratories, a State of California certified analytical laboratory, located in Signal Hill, California. The sample containers were labeled with unique identification and stored in a chest cooled with ice for delivery to the analytical laboratory. Ceres Associates followed Chain-of-Custody protocol.

5.2 LABORATORY ANALYSIS

The groundwater samples were submitted under Chain-of-Custody protocol to Advanced Technologies Laboratories. The groundwater samples from the three monitoring wells were analyzed for Title 22 Metals using United States Environmental Protection Agency (U.S. EPA) Method 6010B/7471, chromium VI using U.S. EPA Method 3060A/7199, VOCs using U.S. EPA Method 8260B, and cyanide using U.S. EPA Method 9010B. Additionally, the groundwater samples collected from MW1 and MW2 were analyzed for 1,4-dioxane using U.S. EPA Method 8270C and 1,2,3-trichloropropane using U.S. EPA Method 8260B.

A trip blank sample and equipment blank sample were also collected and analyzed for VOCs. Duplicate groundwater samples were collected from MW2 and MW3 and analyzed for chromium VI.

5.3 ANALYTICAL LABORATORY RESULTS

Results of the laboratory analysis of the groundwater samples collected during this assessment indicated elevated concentrations of chromium VI in the groundwater beneath the Property. The groundwater sample collected from MW1 had a chromium VI concentration of 96.6 μg/L (micrograms per Liter or parts per billion [ppb]). MW1 is located along the southern boundary of the Property adjacent to the four-stage clarifier. The groundwater samples collected from MW2 and MW3 had chromium VI concentrations of 283 ppb and 317 ppb, respectively. Refer to Table 4 - Analytical Laboratory Results (Groundwater [Heavy Metals]). MW2 and MW3 are located inside the Property downgradient from the former Hard Chrome Processing Area.

Cyanide was not detected by the analytical laboratory in the groundwater samples collected during this assessment. 1,4-dioxane was reported by the analytical laboratory in monitoring wells MW1 and MW2 at concentrations of 3.6 ppb and 4.9 ppb, respectively. 1,2,3-trichloropropane was not detected by the analytical laboratory in the groundwater samples collected during this assessment. Refer to Table 5 - Analytical Laboratory Results (Groundwater [Cyanide, 1,4-dioxane, and 1,2,3-TCP]).

The analytical laboratory reported elevated levels of tetrachloroethene (PCE) and trichloroethene (TCE) in the groundwater samples collected for this assessment. MW1 was reported to have a PCE concentration of 51 ppb and TCE of 130 ppb. MW2 was reported to have a PCE concentration of 86 ppb and TCE of 180 ppb. MW3 was reported to have a PCE concentration of 100 ppb and TCE of 200 ppb. Refer to Table 6 - Analytical Laboratory Results (Groundwater [Select Volatile Organic Compounds]).

6.0 CONCLUSIONS/RECOMMENDATIONS

6.1 CONCLUSIONS

Based on the results of this assessment, the soil and groundwater beneath the Property have been impacted by heavy metals historically used on the Property during the former Excello Plating Company metal plating operations. Concentrations of hexavalent chromium were detected by the analytical laboratory in the soil beneath the Property at concentrations up to 18,400 ppm. The highest concentrations were detected in the former Hard Chrome Process Area. Significant concentrations were also detected in the former Anodized Plating Process Area. Elevated concentrations of nickel and cadmium were detected in the former Decorative Chrome Plating Department at concentrations up to 2,600 ppm and 64 ppm, respectively.

Significant concentrations of hexavalent chromium were also detected in the groundwater samples collected during this assessment. The groundwater samples collected from monitoring wells MW1, MW2, and MW3 were reported by the analytical laboratory to have hexavalent chromium concentrations of 96.6 ppb, 283 ppb, and 317 ppb, respectively.

Elevated concentrations of tetrachloroethene (PCE) and trichloroethene (TCE) were also detected in the groundwater samples collected during this assessment. PCE was detected by the analytical laboratory in the groundwater samples collected from monitoring wells MW1, MW2, and MW3 at concentrations of 51 ppb, 86 ppb, and 100 ppb, respectively. TCE was detected by the analytical laboratory in the groundwater samples collected from monitoring wells MW1, MW2, and MW3 at concentrations of 130 ppb, 180 ppb, and 200 ppb, respectively. The maximum contaminant levels (MCLs) for both PCE and TCE in groundwater is 5.0 ppb.

6.2 RECOMMENDATIONS

Based on the results of this assessment, Ceres Associates recommends advancing additional soil borings in the former Hard Chrome Process Area to further characterize the vertical and lateral extent of hexavalent chromium contamination in the soil in this area. Based on earlier meetings with the RWQCB, Ceres Associates recommends installing two downgradient groundwater monitoring wells on Sequoia Street as well as one upgradient groundwater monitoring well towards the north-northeast corner of the Property. Quarterly groundwater sampling program of the current groundwater monitoring wells on the Property should also commence. Ceres Associates will prepare a work plan which will identify the locations of the additional soil borings in the former Hard Chrome Process Area as well as locations for the additional monitoring wells. Following the results of the next phase of sampling, Ceres Associates will prepare a Remedial Action Plan (RAP) addressing the alternatives for remediating the impacted soil on the Property.

7.0 REFERENCES

Work Plan, ATC Associates, Inc., October 14, 2004

Revised Cleanup and Abatement Order No. R4-2003-0038-R, issued to Spirito Family Trust by the California Regional Water Quality Control Board - Los Angeles Region

United States Environmental Protection Agency Region 9 PRGs Table

Title 22, California Code of Regulations, Maximum Contaminant Levels Tables

8.0 LIMITATIONS

This Environmental Site Assessment (ESA) was conducted according to accepted industry standards and guidelines for similar assessments conducted in this geographic region at this time.

This assessment cannot fully eliminate the possibility of the Property having environmental impairments. In today's technology, no amount of assessment can certify that the Property is completely free of environmental concern. It is possible undocumented or concealed conditions of the Property could exist beyond what was found during this ESA. This report does not cover any Property conditions beyond the date the Property survey was conducted.

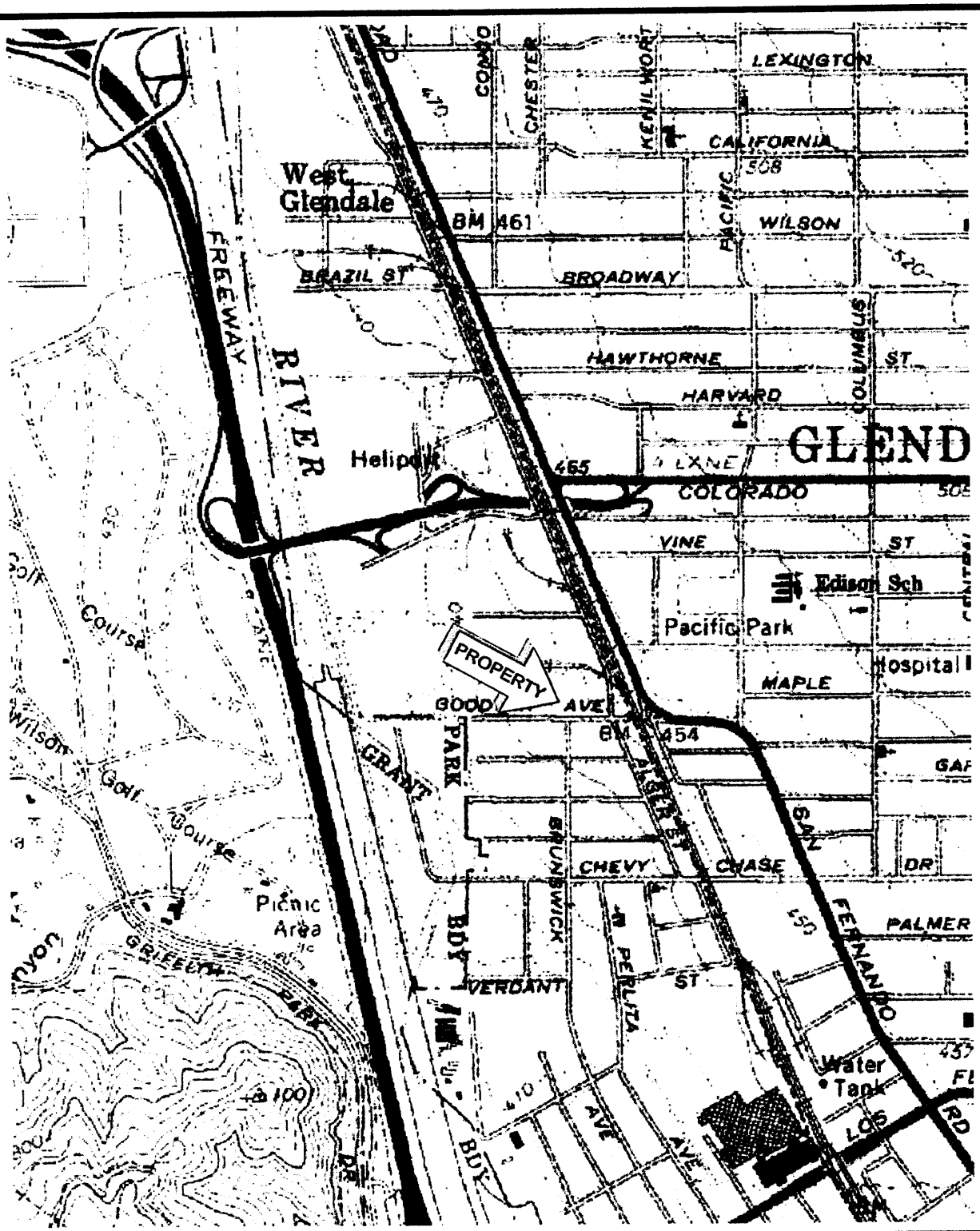
Physical setting information provided in this report is for drawing conclusions, by Ceres Associates, within the context and timing of this report only. This information is preliminary and should not be used for any subsequent purposes.

Much of the information upon which the conclusions and recommendations of this Phase II ESA are based, comes from data provided by others. Ceres Associates is not responsible for the accuracy or completeness of this information. Inaccurate data, or information that was not found or made available to Ceres Associates, may result in a modification of the stated conclusions and recommendations.

REPORT USE

This report was prepared for the sole use and benefit of Spirito Family Trust. This report is not a legal opinion and does not offer warranties or guarantees.

FIGURES



N

1 inch equals 2000 feet

Map Taken From:

United States Geological Survey
7.5 Minute Topographic Series
Burbank, California Quadrangle

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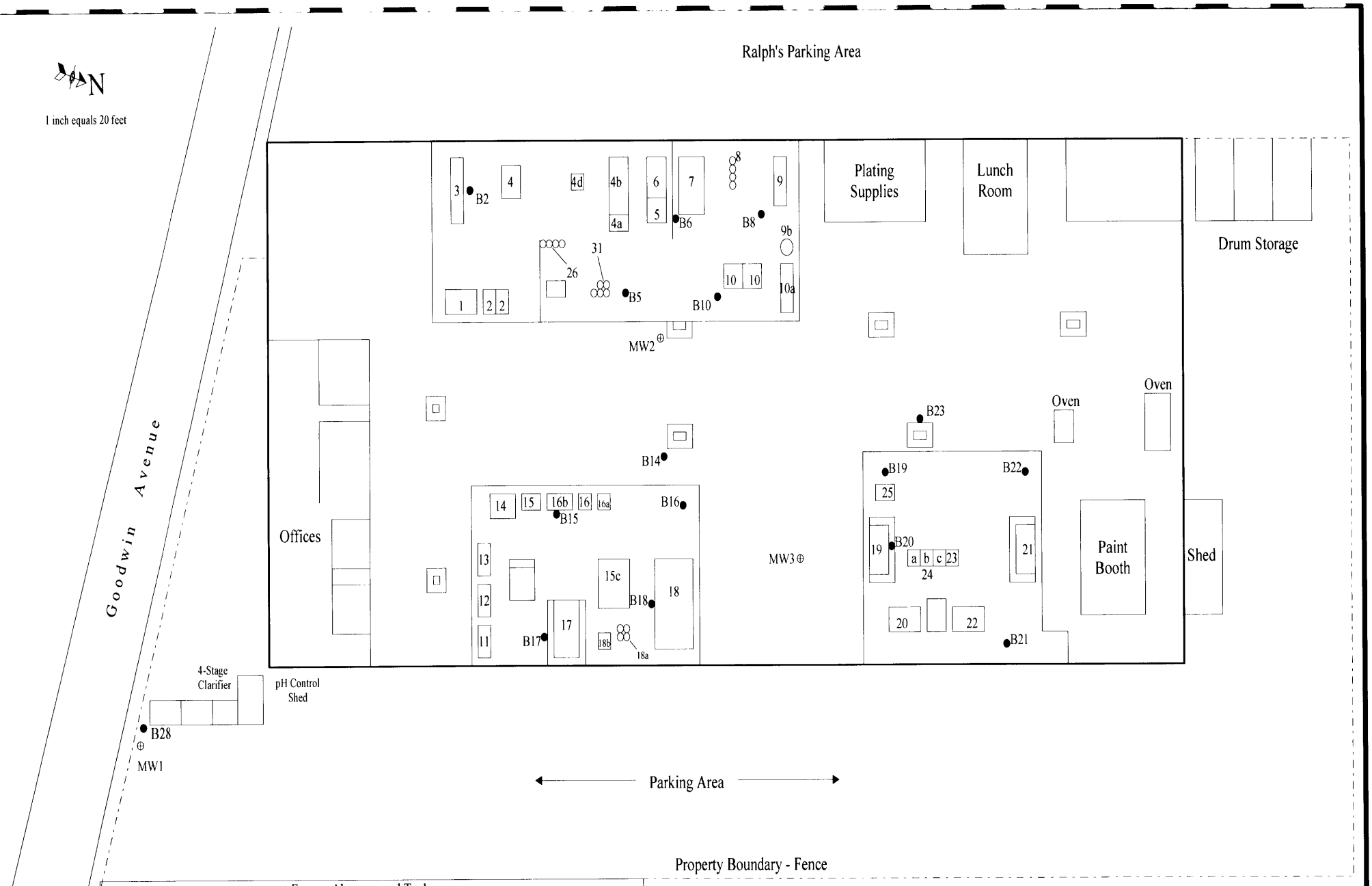
4057 Goodwin Avenue
Los Angeles, California 90039
Regional Board File No. 113.5243

PROPERTY LOCATION MAP

FIGURE 1



Former Aboveground Tanks

1 Electro Clean
2 Soak Clean
3 Cadmium
4 Cadmium - Dead Tank
4a Descaler - Dead Tank
4b 1. Zincate
2. Zincate
3. Copper Dragout
4. Copper Dragout
4c Nickel Strike
4d e Water
f Nitric
g Sulfuric
5 Copper Strike
6 Copper Plate
7 Nickel
7a Nickel Dragout
7b Rectifier - Dead
8a Rinse Dragout - Passive
8b Passive 209
8c Passive Nitric
8d Muriatic Acid
8e CWR
8f Acid Strip Sulfuric
8g Acid Strip Muriatic
8h Cold Water Rinse
8i Cold Water Rinse
9 Decorative Chrome
9a Dragout
9b Chrome Reduction
10 Electro Clean
10a Tin
11 Nickel Acetate
12 Sodium Dichromate
13 D.I. Water
14 Non-Etch Cleaner
15 Etch
15a Descaler
15b Coldwater Rinse
15d e Sodium Bisulfate
15f Sodium Bisulfate
16 Dow 7
16a Divercoat
16b Dead Tank
17 Chromatic Acid Anodize
17a b Chem Film Clear
17c Chem Film Clear
18 Sulfuric Acid Anodize
18a-g Dyes
19 Hard Chrome
20 Hard Chrome
21 Hard Chrome
22 Hard Chrome
23 Caustic Strip
24a-c Coldwater Rinse
25 Soda Ash Strip
26a Cadmium Strip
26b Dragout Cad Strip
26c Muriatic Dragout
26d Clear Water Rinse
27 D.I. Hot Wate
28a Cyanide Reducer
28b Muriatic
29a Clear Water
29b-e Cyanide Reducer
30a Sulfate
30b Clear Water
30c Muriatic
31a Coldwater Rinse
31b Iridite
31c Cold Water Rinse
31d Chrome
31e Iridite
31f Dragout
32 Degreaser

● B28 Soil Boring

⊕ MW1 Monitoring Well

Floor Drain

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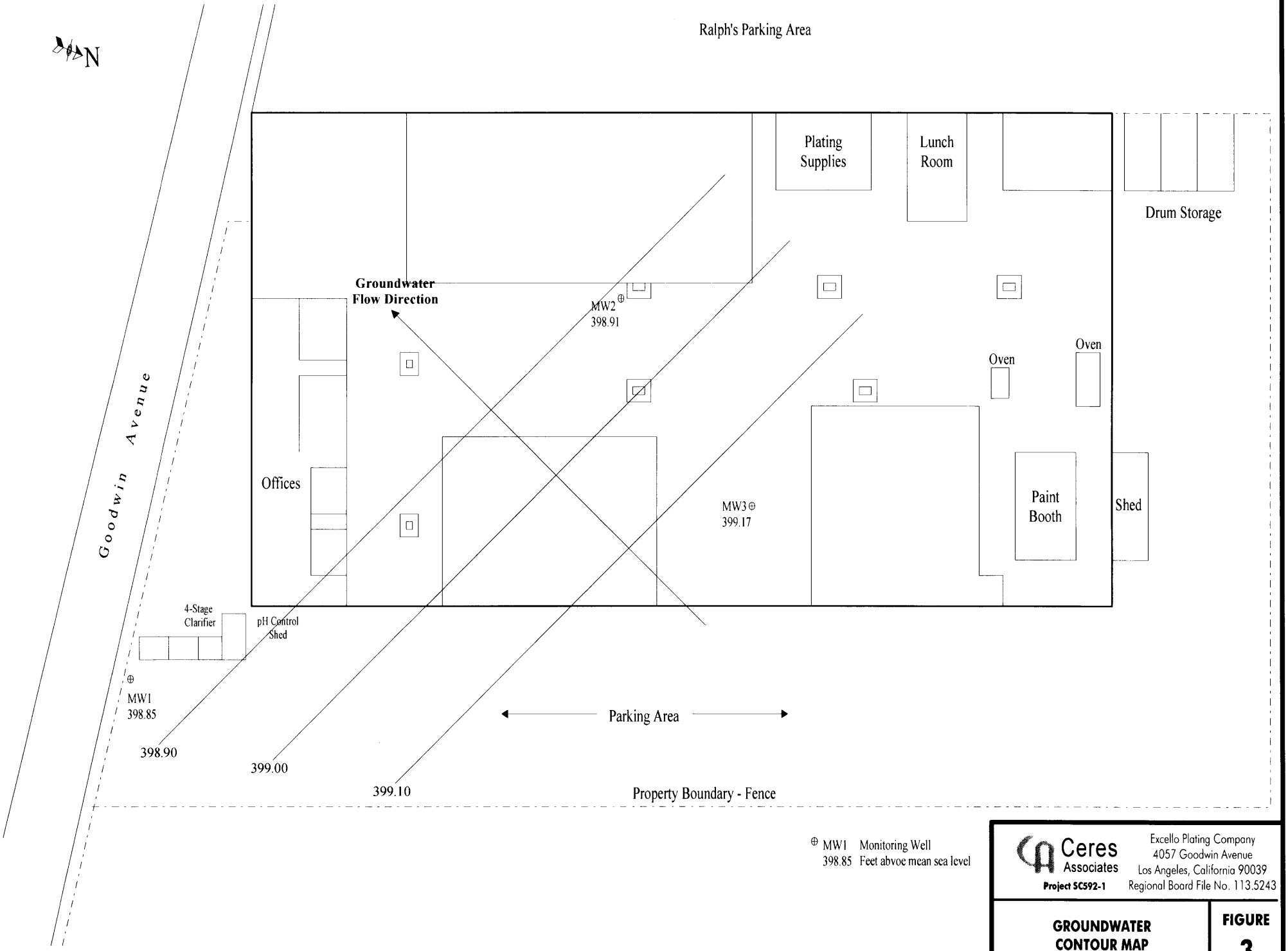
SOIL BORING AND MONITORING WELL LOCATIONS

FIGURE 2



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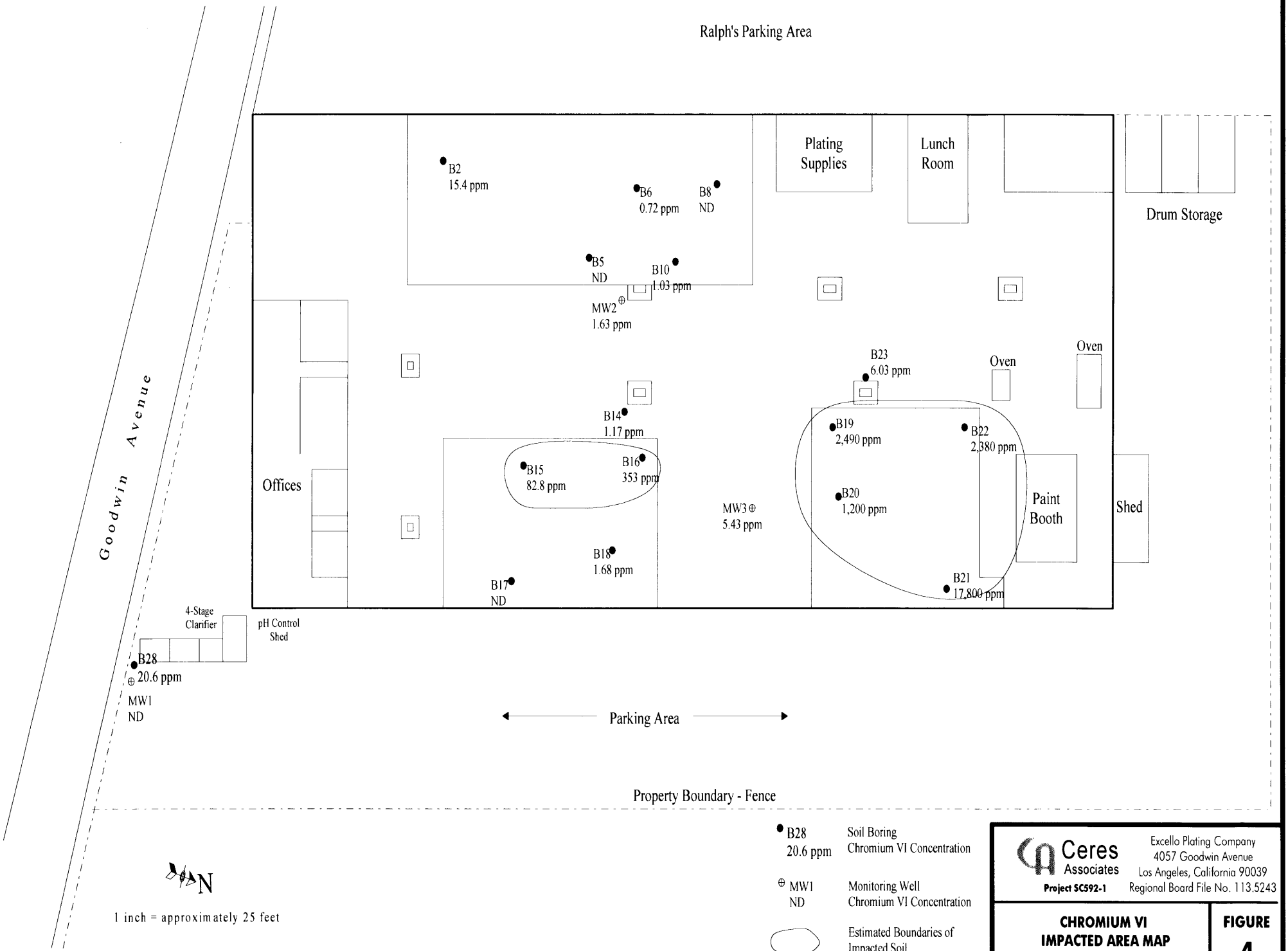
GROUNDWATER CONTOUR MAP

FIGURE 3



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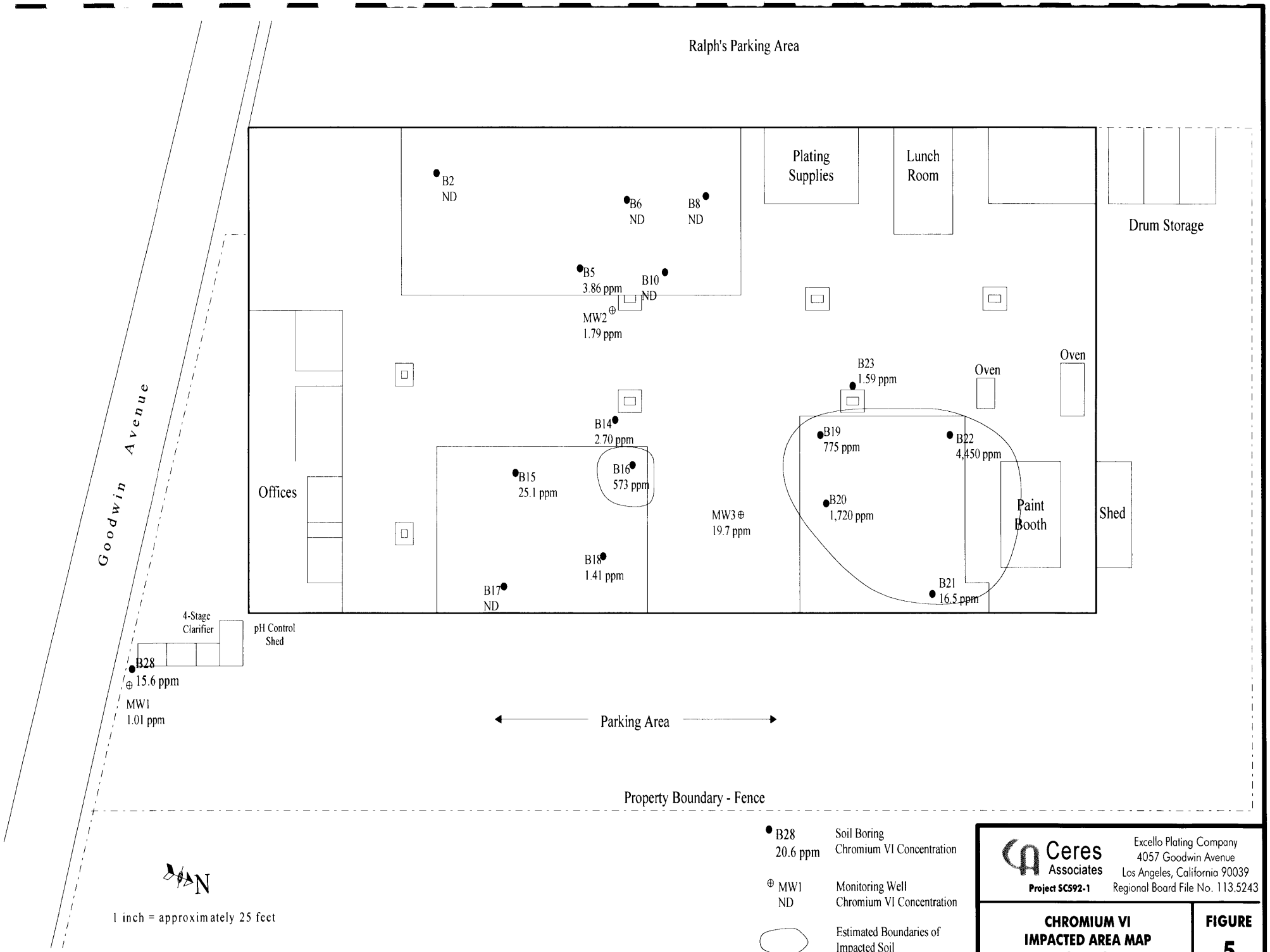
CHROMIUM VI IMPACTED AREA MAP (soil @ 1' bgs)

FIGURE 4



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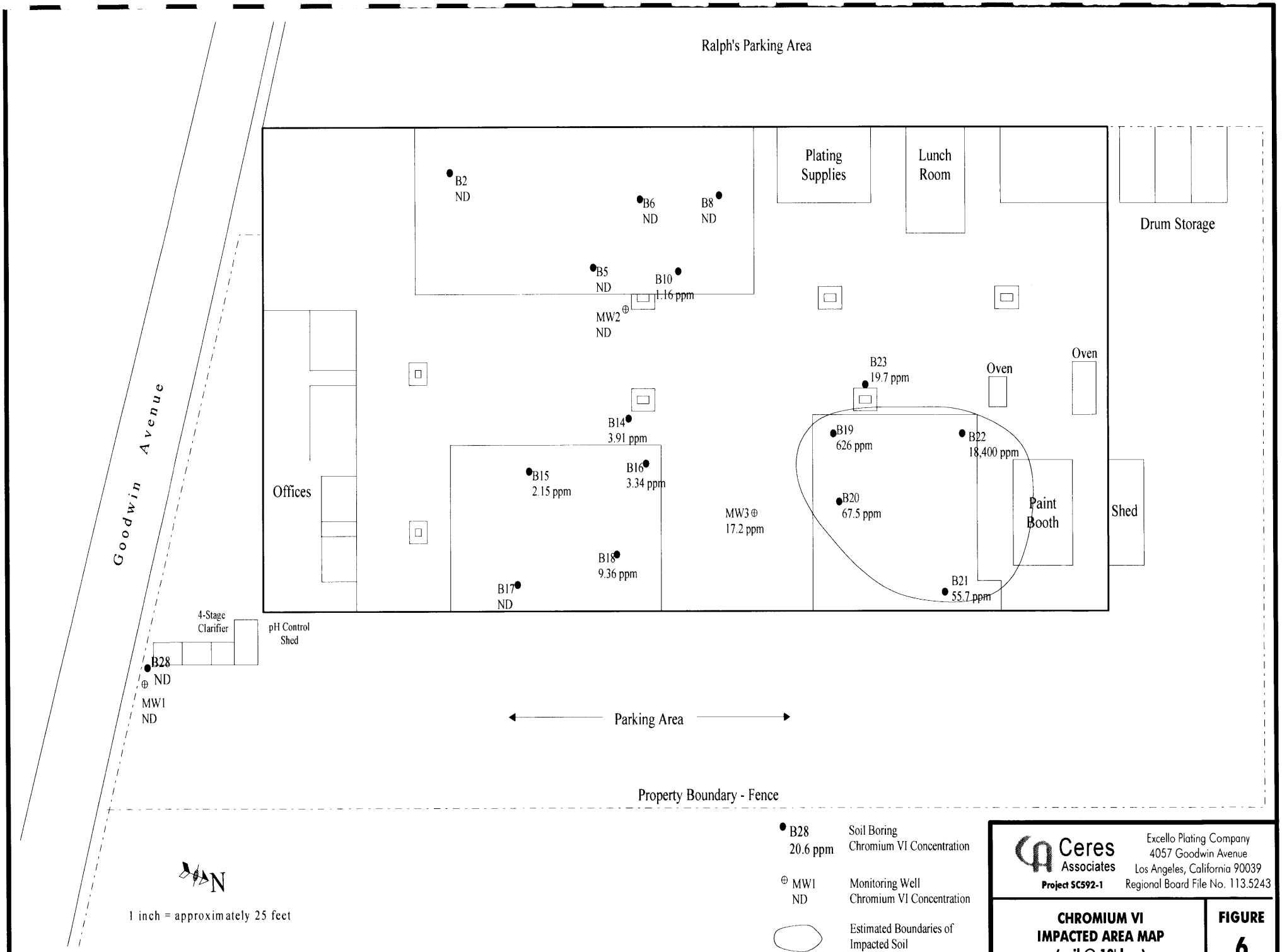
CHROMIUM VI IMPACTED AREA MAP (soil @ 5' bgs)

FIGURE 5



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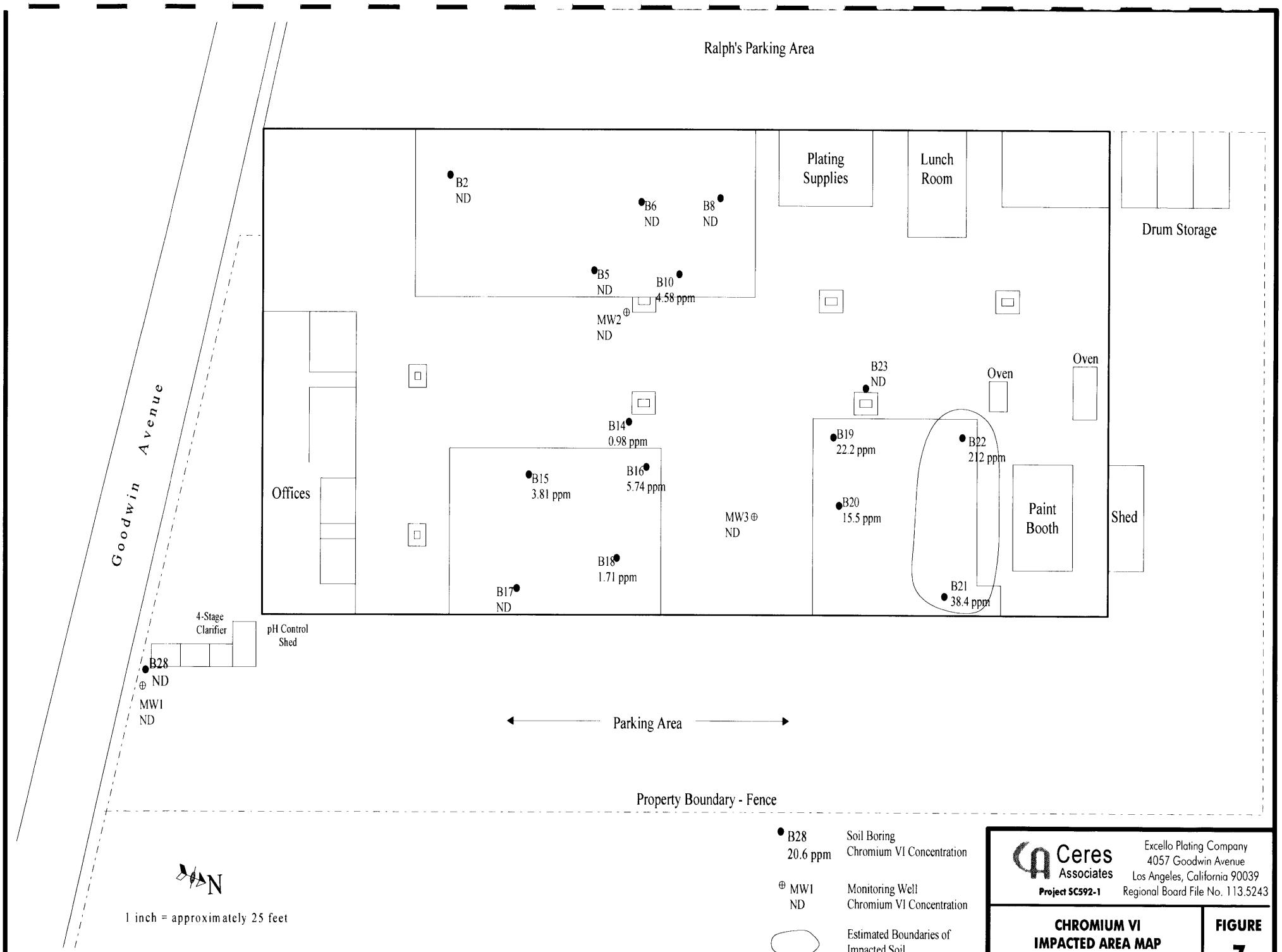
CHROMIUM VI IMPACTED AREA MAP (soil @ 10' bgs)

FIGURE 6



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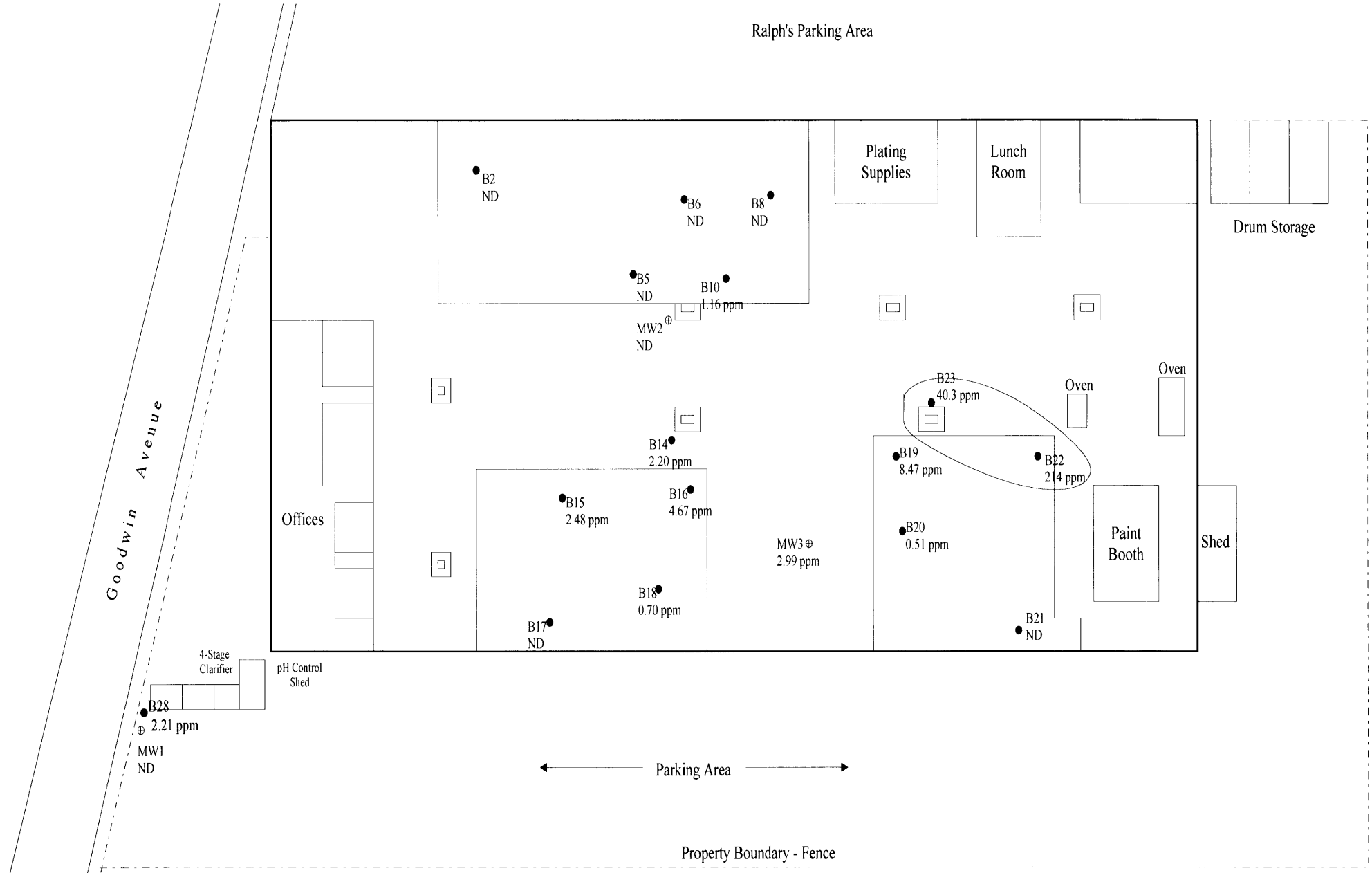
CHROMIUM VI IMPACTED AREA MAP (soil @ 15' bgs)

FIGURE 7



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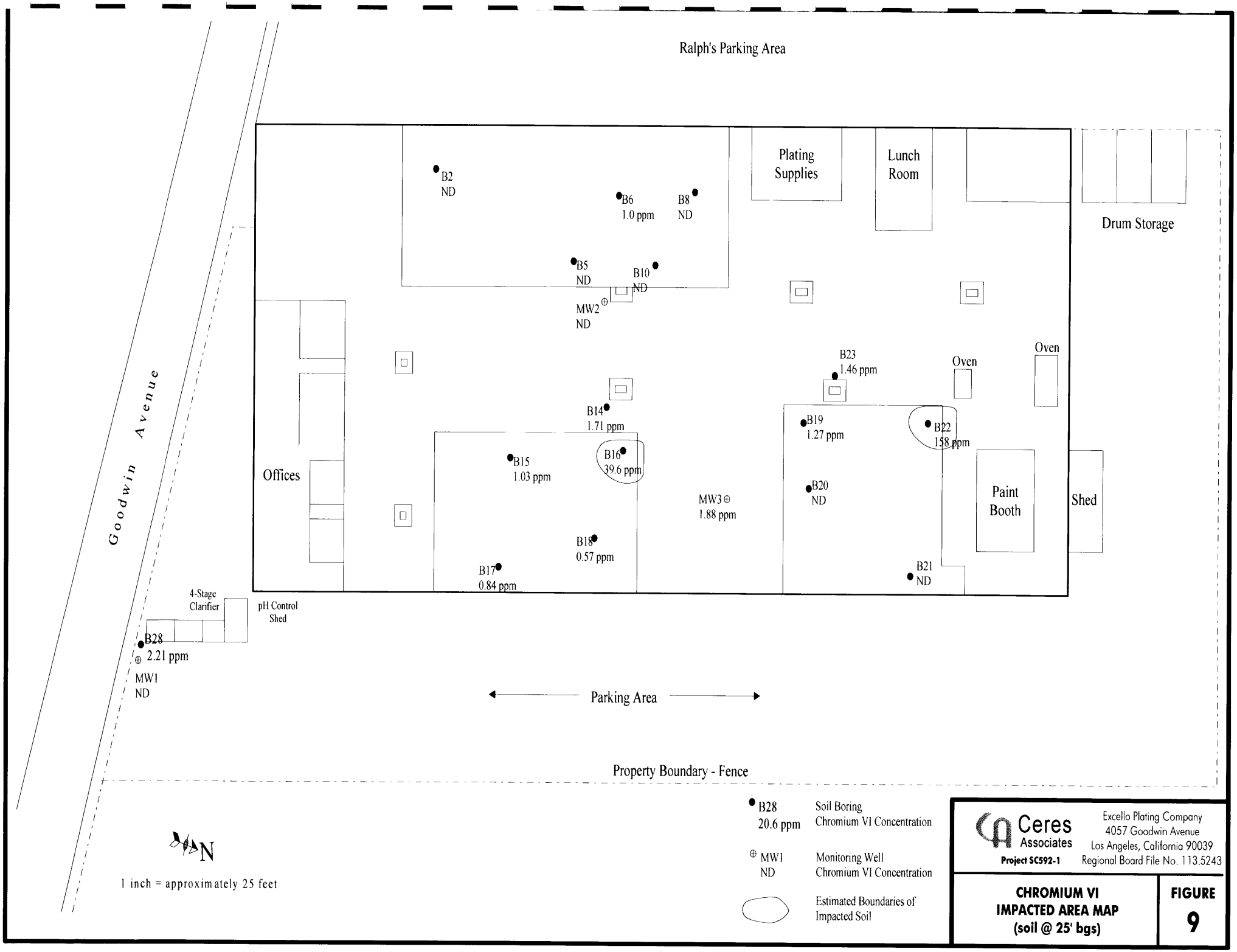
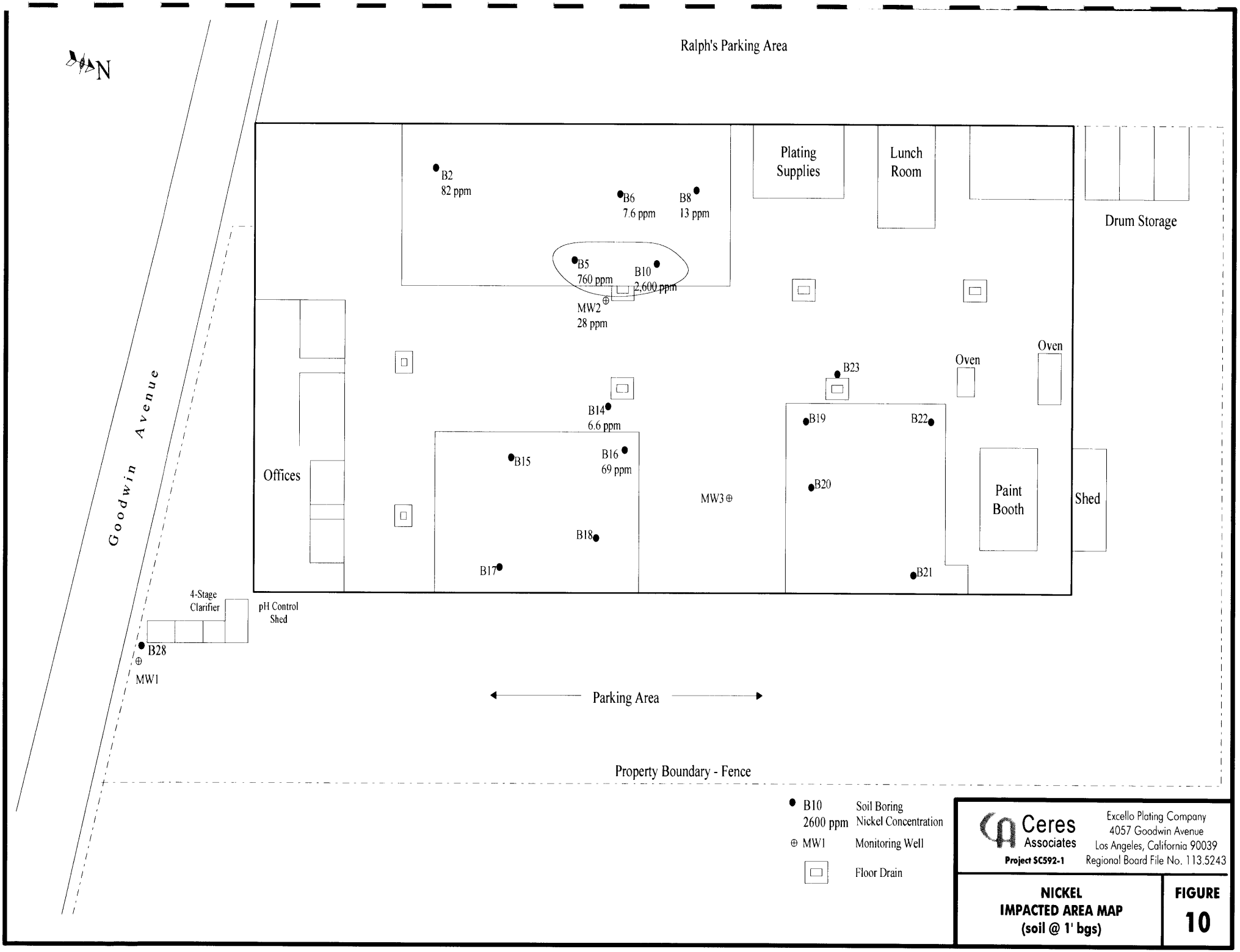
Regional Board File No. 113.5243

CHROMIUM VI IMPACTED AREA MAP (soil @ 20' bgs)

FIGURE 8


Ralph's Parking Area
Plating Supplies
Lunch Room
Drum Storage
B2
ND
B6
1.0 ppm
B8
ND
B5
ND
B10
ND
MW2
ND
Oven
Oven
B23
1.46 ppm
B14
1.71 ppm
B19
1.27 ppm
B22
158 ppm
B15
1.03 ppm
B16
39.6 ppm
Offices
MW3
1.88 ppm
B20
ND
Paint Booth
Shed
B18
0.57 ppm
B17
0.84 ppm
B21
ND
Goodwin Avenue
4-Stage Clarifier
pH Control Shed
B28
2.21 ppm
MW1
ND
Parking Area
Property Boundary - Fence
N
1 inch = approximately 25 feet
B28
20.6 ppm
Soil Boring
Chromium VI Concentration
MW1
ND
Monitoring Well
Chromium VI Concentration
Estimated Boundaries of Impacted Soil
Ceres Associates
Project SC592-1
Excello Plating Company
4057 Goodwin Avenue
Los Angeles, California 90039
Regional Board File No. 113.5243
CHROMIUM VI IMPACTED AREA MAP (soil @ 25' bgs)
FIGURE 9


N
Ralph's Parking Area
Plating Supplies
Lunch Room
Drum Storage
B2
82 ppm
B6
7.6 ppm
B8
13 ppm
B5
760 ppm
B10
2,600 ppm
MW2
28 ppm
Oven
Oven
B23
B14
6.6 ppm
B19
B22
B15
B16
69 ppm
Offices
MW3
B20
Paint Booth
Shed
B18
B17
B21
Goodwin Avenue
4-Stage Clarifier
pH Control Shed
B28
MW1
Parking Area
Property Boundary - Fence
B10 2600 ppm Soil Boring Nickel Concentration
MW1 Monitoring Well
Floor Drain
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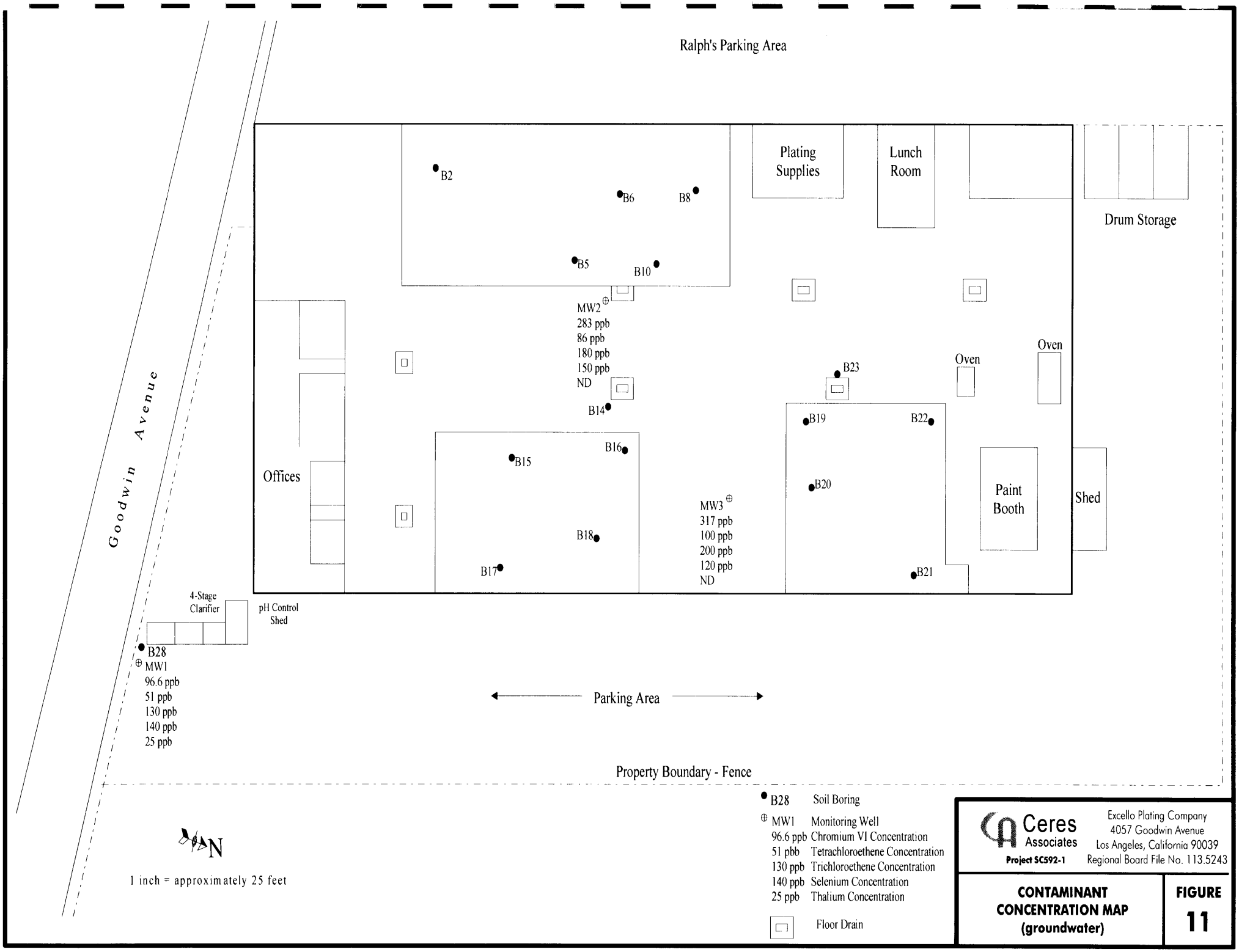
Excello Plating Company
4057 Goodwin Avenue
Los Angeles, California 90039
Regional Board File No. 113.5243
NICKEL
IMPACTED AREA MAP
(soil @ 1' bgs)
FIGURE
10


Ralph's Parking Area
Plating Supplies
Lunch Room
Drum Storage
B2
B6
B8
B5
B10
MW2
283 ppb
86 ppb
180 ppb
150 ppb
ND
B14
B23
Oven
Oven
B19
B22
B16
B15
Offices
B20
Paint Booth
Shed
MW3
317 ppb
100 ppb
200 ppb
120 ppb
ND
B18
B17
B21
Goodwin Avenue
4-Stage Clarifier
pH Control Shed
B28
MW1
96.6 ppb
51 ppb
130 ppb
140 ppb
25 ppb
Parking Area
Property Boundary - Fence
N
1 inch = approximately 25 feet
B28 Soil Boring
MW1 Monitoring Well
96.6 ppb Chromium VI Concentration
51 pbb Tetrachloroethene Concentration
130 ppb Trichloroethene Concentration
140 ppb Selenium Concentration
25 ppb Thalium Concentration
Floor Drain
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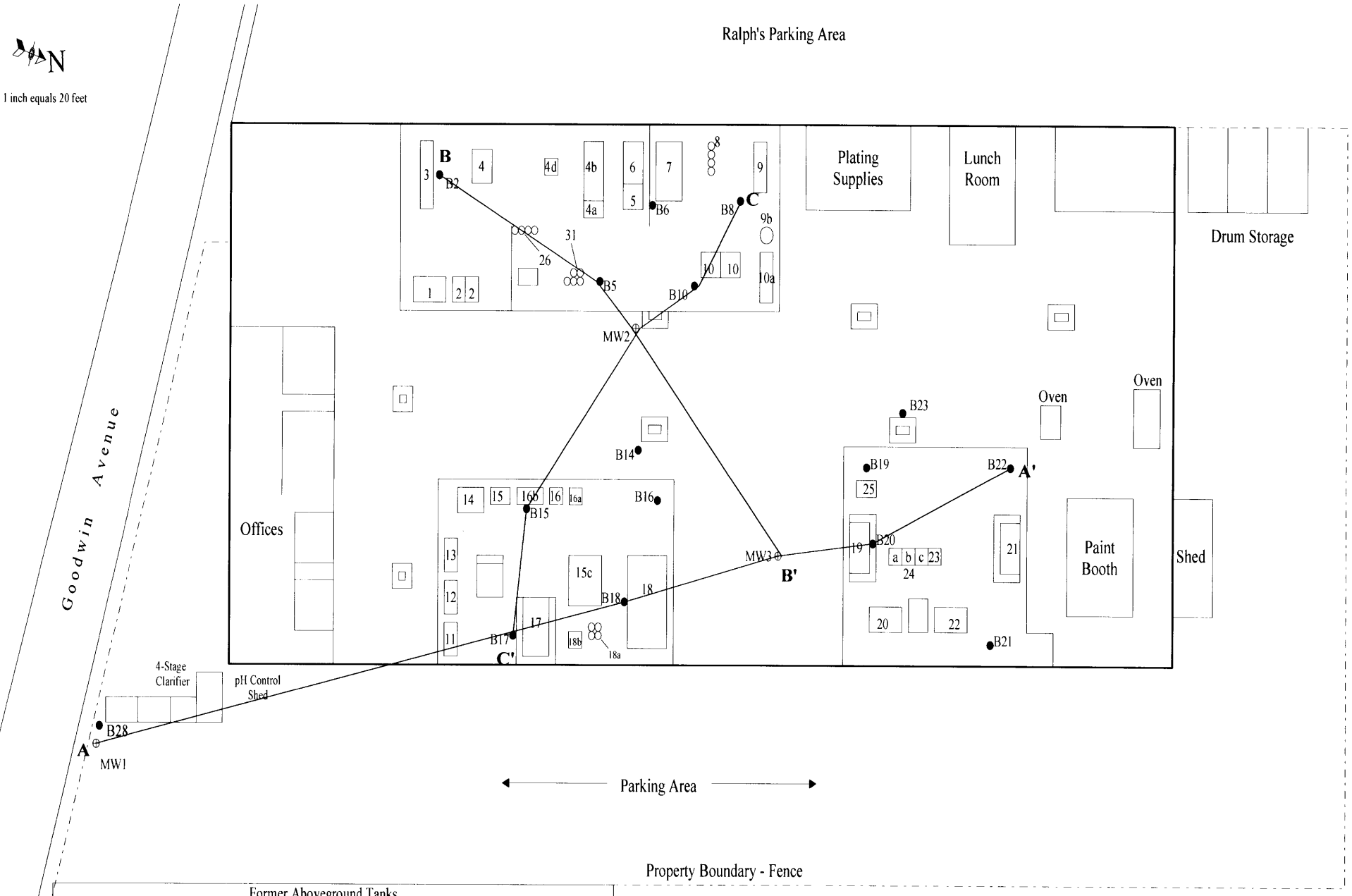
Project SC592-1
Excello Plating Company
4057 Goodwin Avenue
Los Angeles, California 90039
Regional Board File No. 113.5243
CONTAMINANT CONCENTRATION MAP (groundwater)
FIGURE 11



Former Aboveground Tanks

1 Electro Clean
2 Soak Clean
3 Cadmium
4 Cadmium - Dead Tank
4a Descaler - Dead Tank
4b 1 Zincate
2 Zincate
3 Copper Dragout
4 Copper Dragout
4c Nickel Strike
4d e Water
f Nitric
g Sulfuric
5 Copper Strike
6 Copper Plate
7 Nickel
7a Nickel Dragout
7b Rectifier - Dead
8a Rinse Dragout - Passive
8b Passive 209
8c Passive Nitric
8d Muriatic Acid
8e CWR
8f Acid Strip Sulfuric
8g Acid Strip Muriatic
8h Cold Water Rinse
8i Cold Water Rinse
9 Decorative Chrome
9a Dragout
9b Chrome Reduction
10 Electro Clean
10a Tin
11 Nickel Acetate
12 Sodium Dichromate
13 D.I Water
14 Non-Etch Cleaner
15 Etch
15a Descaler
15b Coldwater Rinse
15d e Sodium Bisulfate
15f Sodium Bisulfate
16 Dow 7
16a Divercoat
16b Dead Tank
17 Chromatic Acid Anodize
17a b Chem Film Clear
17c Chem Film Clear
18 Sulfuric Acid Anodize
18a-g Dyes
19 Hard Chrome
20 Hard Chrome
21 Hard Chrome
22 Hard Chrome
23 Caustic Strip
24a-c Coldwater Rinse
25 Soda Ash Strip
26a Cadmium Strip
26b Dragout Cad Strip
26c Muriatic Dragout
26d Clear Water Rinse
27 D.I Hot Wate
28a Cyanide Reducer
28b Muriatic
29a Clear Water
29b-e Cyanide Reducer
30a Sulfate
30b Clear Water
30c Muriatic
31a Coldwater Rinse
31b Iridite
31c Cold Water Rinse
31d Chrome
31e Iridite
31f Dragout
32 Degreaser

● B28 Soil Boring

⊕ MW1 Monitoring Well

Floor Drain

Cross-Section

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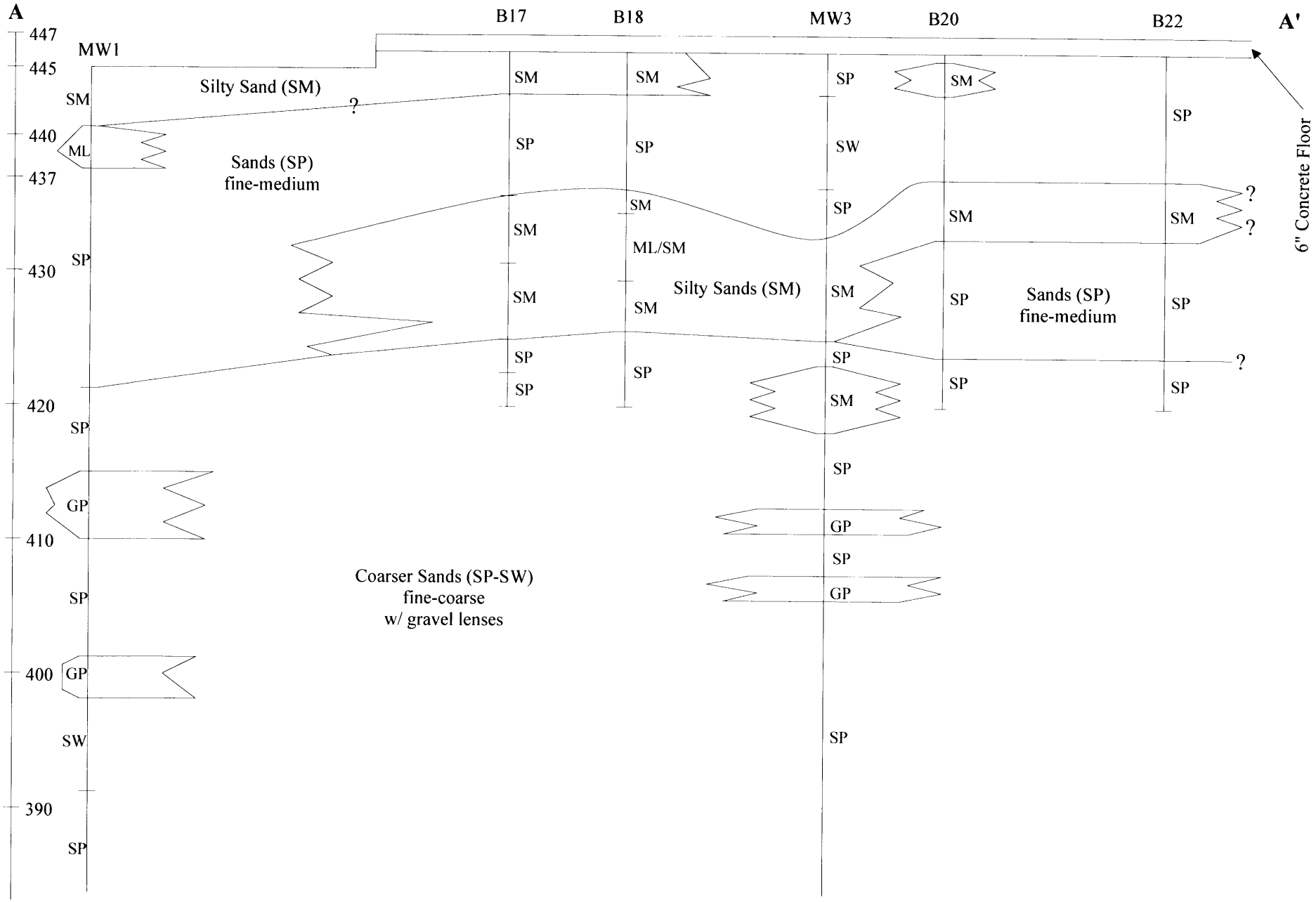
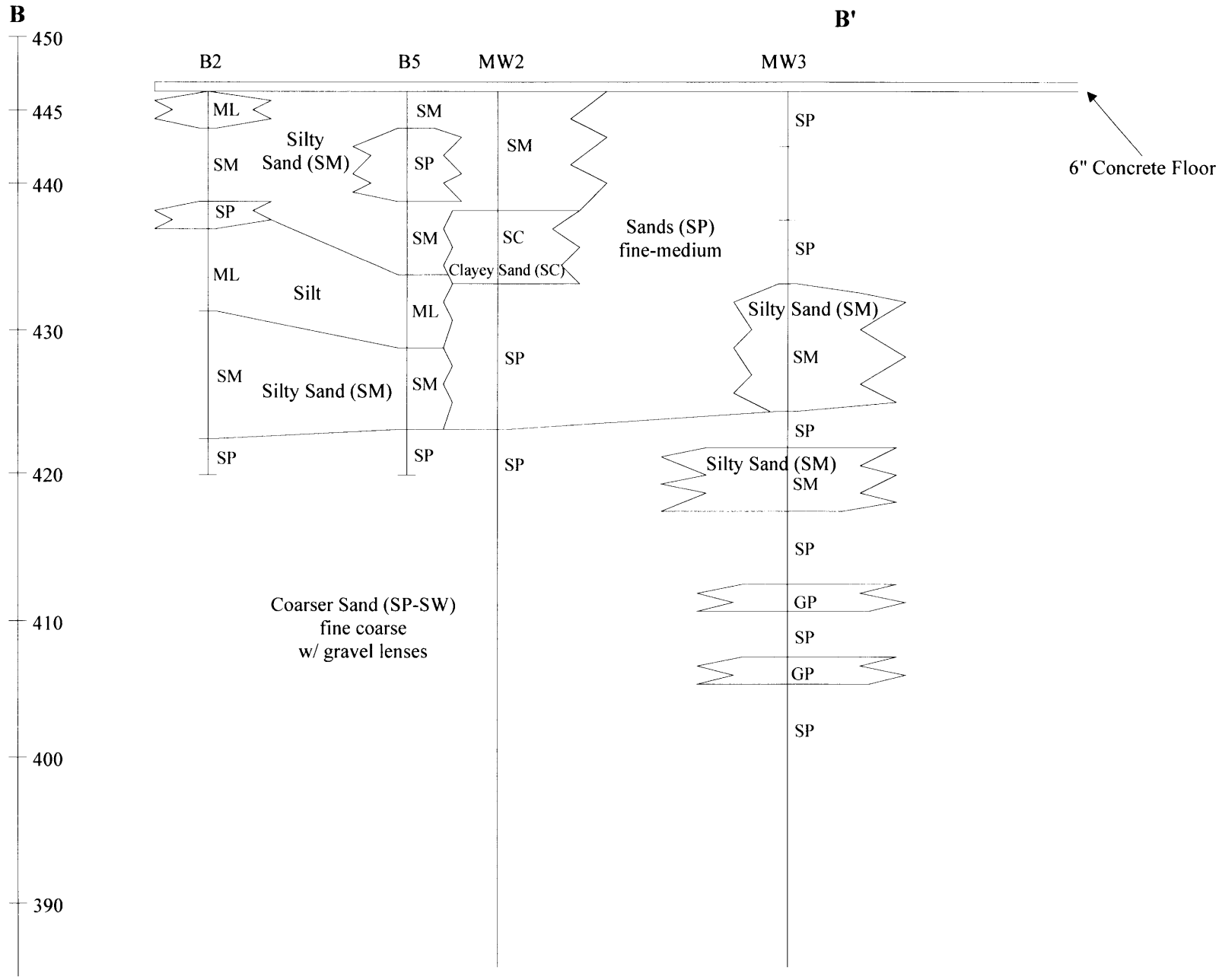
Los Angeles, California 90039
Regional Board File No. 113.5243

FENCE DIAGRAM LOCATIONS

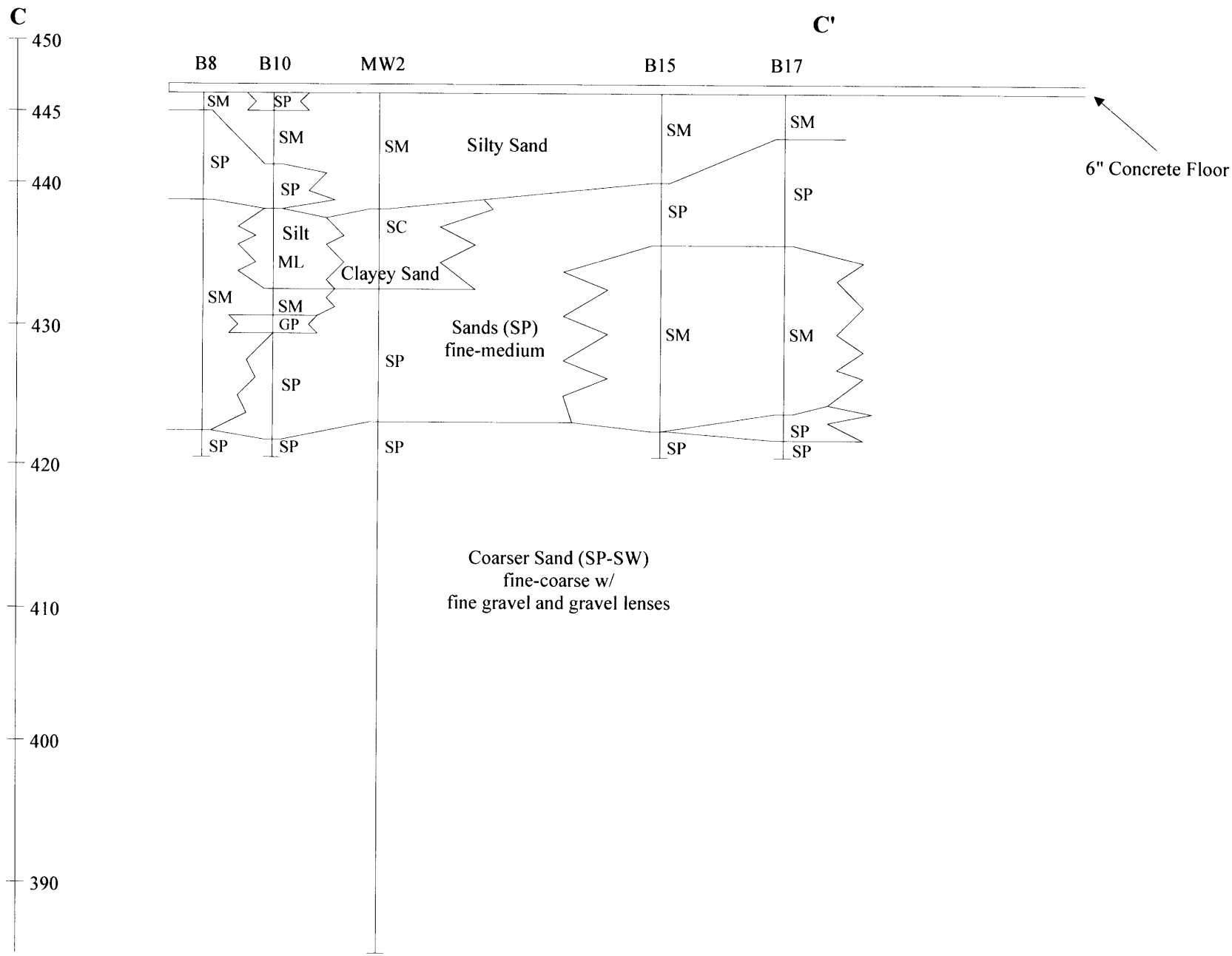
FIGURE 12



Ceres Associates Project SC592-1	**FENCE DIAGRAM** **A-A'**	**Excello Plating Company** **4057 Goodwin Avenue** **Los Angeles, California**		**FIGURE** **13**



Ceres Associates Project SC592-1	**FENCE DIAGRAM B-B'**	**Excello Plating Company 4057 Goodwin Avenue Los Angeles, California**	**FIGURE 14**



Ceres Associates Project SC592-1	**FENCE DIAGRAM** **C-C'**	**Excello Plating Company** **4057 Goodwin Avenue** **Los Angeles, California**		**FIGURE** **15**

TABLES

Table 1 - Analytical Laboratory Results - Heavy Metals (Soil)

Sample ID	Analytical Laboratory Results (milligrams per kilogram, mg/kg, or parts per million [ppm])																	
	Hexavalent Chromium	Mercury	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molyb-denum	Nickel	Selenium	Silver	Thallium	Vana-dium	Zinc
B2-1'	15.4	ND[1]	ND	ND	85	ND	**50**	75	6.9	360	54	ND	82	ND	ND	ND	28	120
B2-5'	ND	0.11	ND	ND	64	ND	ND	11	6.9	10	3.1	ND	9.3	ND	ND	ND	33	32
B2-10'	ND	ND	ND	ND	100	ND	ND	29	9.4	11	3.0	ND	11	ND	ND	ND	40	46
B2-15'	ND	0.15	ND	3.0	190	ND	ND	19	16	29	8.5	ND	13	ND	ND	ND	63	74
B2-20'	ND	ND	ND	ND	80	ND	ND	10	7.7	11	2.9	ND	12	ND	ND	ND	34	37
B2-25'	ND	0.10	ND	ND	52	ND	ND	6.1	4.6	5.9	1.7	ND	7.3	ND	ND	ND	23	22
B5-1'	ND	ND	ND	ND	55	ND	**38**	8.0	6.2	7.2	2.4	ND	**760**	ND	ND	ND	27	34
B5-5'	3.86	ND	ND	ND	99	ND	3.8	21	9.3	25	24	1.2	120	ND	ND	ND	41	94
B5-10'	ND	ND	ND	ND	100	ND	**64**	12	9.6	11	3.1	ND	8.2	ND	ND	ND	42	44
B5-15'	ND	ND	ND	1.7	140	ND	ND	17	13	22	6.9	ND	14	ND	ND	ND	55	64
B5-20'	ND	ND	ND	ND	110	ND	ND	15	10	14	3.7	ND	8.7	ND	ND	ND	41	49
B5-25'	ND	0.10	ND	ND	45	ND	ND	6.2	4.1	5.8	2.0	ND	3.2	ND	ND	ND	26	20
B6-1'	0.72	0.10	ND	ND	110	ND	ND	15	9.5	13	3.6	ND	7.6	ND	ND	ND	40	58
B6-5'	ND	ND	ND	ND	36	ND	ND	5.2	3.7	4.6	1.5	ND	4.6	ND	ND	ND	22	17
B6-10'	ND	ND	ND	ND	120	ND	ND	13	10	15	4.1	ND	8.3	ND	ND	ND	46	52
B6-15'	ND	ND	ND	ND	110	ND	ND	18	12	31	4.5	ND	9.7	ND	ND	ND	47	51
B6-20'	ND	ND	ND	ND	75	ND	ND	9.6	7.2	9.9	2.6	ND	6.0	ND	ND	ND	29	35
B6-25'	1.0	ND	ND	ND	65	ND	ND	9.7	6.6	9.5	2.6	ND	5.0	ND	ND	ND	39	29

Sample ID	Analytical Laboratory Results (milligrams per kilogram, mg/kg, or parts per million [ppm])																	
	Hexavalent Chromium	Mercury	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molyb-denum	Nickel	Selenium	Silver	Thallium	Vana-dium	Zinc
B8-1'	ND	ND	ND	ND	85	ND	ND	12	8.8	12	3.8	ND	13	ND	ND	ND	38	47
B8-5'	ND	ND	ND	ND	41	ND	ND	7.0	4.2	5.0	1.8	ND	6.5	ND	ND	ND	25	19
B8-10'	ND	ND	ND	1.0	150	ND	ND	16	13	22	5.9	ND	11	ND	ND	ND	48	71
B8-15'	ND	0.11	ND	ND	110	ND	ND	14	11	19	5.2	ND	9.6	ND	ND	ND	40	58
B8-20'	ND	ND	ND	ND	120	ND	ND	15	12	18	4.2	ND	10	ND	ND	ND	43	57
B8-25'	ND	ND	ND	ND	76	ND	ND	8.2	6.7	8.1	2.1	ND	5.2	ND	ND	ND	24	35
B10-1'	1.03	ND	ND	ND	76	ND	**22**	24	9.0	16	5.0	ND	**2,600**	ND	ND	ND	26	55
B10-5'	ND	ND	ND	ND	45	ND	1.6	7.1	4.1	5.8	1.7	ND	100	ND	ND	ND	16	20
B10-10'	1.16	ND	ND	ND	94	ND	ND	11	7.7	10	2.8	ND	6.2	ND	ND	ND	29	37
B10-15'	4.58	ND	ND	1.2	130	ND	ND	24	10	17	5.3	ND	8.9	ND	ND	ND	39	54
B10-20'	1.16	ND	ND	ND	96	ND	ND	19	8.6	14	3.4	1.1	7.1	ND	ND	ND	32	41
B10-25'	ND	ND	ND	ND	44	ND	ND	5.6	3.7	5.1	1.3	ND	3.1	ND	ND	ND	15	16
B14-1'	1.17	ND	ND	ND	94	ND	ND	12	8.5	12	3.2	ND	6.6	ND	ND	ND	37	45
B14-5'	2.70	ND	ND	ND	72	ND	ND	13	5.0	4.8	1.6	ND	5.3	ND	18	ND	25	22
B14-10'	3.91	ND	ND	ND	100	ND	ND	17	9.5	12	3.3	ND	7.2	ND	2.1	ND	44	45
B14-15'	0.98	ND	ND	ND	100	ND	ND	17	9.7	14	4.2	1.6	7.5	ND	ND	ND	44	46
B14-20'	2.20	ND	ND	ND	57	ND	ND	12	5.8	7.8	2.5	ND	4.3	ND	ND	ND	35	28
B14-25'	1.71	ND	ND	ND	38	ND	ND	7.0	3.2	4.7	1.4	ND	2.7	ND	ND	ND	18	16
B15-1'	**82.8**	ND	2.4	ND	100	ND	ND	**450**	9.3	12	3.3	ND	7.3	ND	ND	ND	39	44
B15-5'	25.1	ND	**23**	ND	46	ND	ND	**2100**	4.6	5.8	ND	ND	6.1	ND	ND	ND	19	17

Sample ID	Analytical Laboratory Results (milligrams per kilogram, mg/kg, or parts per million [ppm])																	
	Hexavalent Chromium	Mercury	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molyb-denum	Nickel	Selenium	Silver	Thallium	Vana-dium	Zinc
B15-10'	2.15	ND	ND	ND	130	ND	ND	19	12	13	3.7	ND	9.0	ND	ND	ND	48	55
B15-15'	3.81	0.14	ND	ND	73	ND	ND	17	7.5	11	3.3	ND	7.2	ND	ND	ND	35	34
B15-20'	2.48	ND	ND	ND	92	ND	ND	20	9.2	12	3.4	ND	7.0	ND	ND	ND	43	42
B15-25'	1.03	ND	ND	ND	18	ND	ND	3.3	2.2	ND	1.1	ND	ND	ND	ND	ND	8.3	18
B16-1'	**353**	ND	**25**	ND	88	ND	**67**	**2300**	9.8	69	12	ND	69	ND	ND	ND	29	98
B16-5'	**573**	ND	ND	ND	33	ND	ND	**85**	3.3	4.0	1.2	ND	2.7	ND	ND	ND	18	15
B16-10'	3.34	ND	ND	ND	120	ND	ND	21	11	15	4.2	ND	8.3	ND	ND	ND	47	52
B16-15'	5.74	ND	ND	ND	95	ND	ND	19	8.8	12	4.0	ND	7.4	ND	ND	ND	42	40
B16-20'	4.67	ND	ND	ND	77	ND	1.8	**62**	7.0	16	3.4	4.8	11	ND	ND	ND	30	53
B16-25'	**39.6**	ND	ND	3.5	46	ND	ND	**56**	3.9	11	18	ND	7.2	ND	ND	ND	8.5	63
B17-1'	ND	0.11	ND	ND	100	ND	ND	13	9.6	13	4.0	ND	7.6	ND	ND	ND	43	53
B17-5'	ND	0.10	ND	ND	47	ND	ND	8.2	4.8	6.3	2.1	ND	4.0	ND	ND	ND	26	23
B17-10'	ND	ND	ND	ND	150	ND	ND	16	13	21	6.0	ND	10	ND	ND	ND	53	69
B17-15'	ND	ND	ND	1.9	140	ND	ND	15	12	22	6.8	ND	9.8	ND	ND	ND	53	63
B17-20'	ND	ND	ND	ND	71	ND	ND	11	7.0	9.0	2.6	ND	5.5	ND	ND	ND	38	34
B17-25'	0.84	ND	ND	ND	55	ND	ND	8.8	5.6	6.5	2.0	ND	4.0	ND	ND	ND	33	23
B18-1'	1.68	ND	ND	ND	84	ND	ND	25	8.7	14	4.7	ND	12	ND	ND	ND	38	48
B18-5'	1.41	ND	ND	ND	41	ND	ND	11	3.8	4.8	1.5	ND	3.0	ND	ND	ND	24	19
B18-10'	9.36	ND	ND	ND	91	ND	ND	18	8.6	10	3.0	ND	6.6	ND	ND	ND	40	41
B18-15'	1.71	ND	ND	ND	96	ND	ND	19	9.8	14	4.0	ND	8.2	ND	ND	ND	43	44

Sample ID	Analytical Laboratory Results (milligrams per kilogram, mg/kg, or parts per million [ppm])																	
	Hexavalent Chromium	Mercury	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molyb-denum	Nickel	Selenium	Silver	Thallium	Vana-dium	Zinc
B18-20'	0.70	ND	ND	ND	96	ND	1.3	13	8.4	11	3.0	ND	7.1	ND	ND	ND	38	40
B18-25'	0.57	ND	ND	ND	78	ND	ND	13	7.3	9.9	3.1	ND	5.6	ND	ND	ND	42	33
B19-1'	**2,490**	ND	ND	ND	ND	ND	ND	**7,100**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B19-5'	**775**	ND	ND	ND	39	ND	ND	**910**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B19-10'	**626**	ND	4.6	ND	150	ND	ND	**640**	12	18	4.6	ND	9.8	ND	ND	ND	42	60
B19-15'	22.2	ND	ND	ND	76	ND	ND	31	6.4	9.2	2.7	ND	5.2	ND	ND	ND	25	33
B19-20'	8.47	ND	ND	ND	57	ND	ND	14	4.4	6.0	1.6	ND	3.6	ND	ND	ND	16	22
B19-25'	1.27	ND	ND	ND	110	ND	ND	13	9.0	14	3.2	ND	7.0	ND	ND	ND	33	43
B20-1'	**1,200**	ND	ND	ND	ND	ND	ND	**5,500**	ND	240	ND	ND	ND	ND	ND	ND	ND	ND
B20-5'	**1,720**	ND	ND	ND	43	ND	ND	**1,700**	ND	ND	ND	ND	25	ND	ND	ND	ND	63
B20-10'	**67.5**	ND	ND	ND	14	ND	ND	**260**	11	18	4.7	ND	9.2	ND	ND	ND	42	61
B20-15'	15.5	ND	ND	ND	80	ND	ND	34	7.8	11	3.1	1.4	6.2	ND	ND	ND	30	36
B20-20'	0.51	ND	ND	ND	75	ND	5.2	9.1	6.9	10	2.4	ND	5.9	ND	ND	ND	24	33
B20-25'	ND	ND	ND	ND	110	ND	ND	13	9.3	15	3.6	ND	7.8	ND	ND	ND	36	47
B21-1'	**17,800**	ND	ND	ND	ND	ND	ND	**4,500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2
B21-5'	16.5	ND	ND	ND	45	ND	1.4	**160**	4.2	17	1.5	1.0	4.2	ND	ND	ND	17	25
B21-10'	**55.7**	ND	ND	ND	130	ND	ND	**120**	11	16	4.5	ND	8.8	ND	ND	ND	39	55
B21-15'	**38.4**	0.12	ND	ND	69	ND	1.3	**43**	7.2	9.4	2.6	ND	5.5	ND	ND	ND	27	33
B21-20'	ND	ND	ND	ND	78	ND	ND	27	8.6	10	2.4	9.4	6.1	ND	ND	ND	35	33
B21-25'	ND	ND	ND	ND	34	ND	ND	4.1	5.1	3.7	3.1	ND	2.3	ND	ND	ND	20	29

Sample ID	Analytical Laboratory Results (milligrams per kilogram, mg/kg, or parts per million [ppm])																	
	Hexavalent Chromium	Mercury	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molyb-denum	Nickel	Selenium	Silver	Thallium	Vana-dium	Zinc
B22-1'	**2,380**	ND	ND	ND	ND	ND	ND	**11,000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B22-5'	**4,450**	ND	ND	ND	ND	ND	ND	**5,200**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B22-10'	**18,400**	ND	ND	ND	ND	ND	ND	**10,000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B22-15'	**212**	ND	ND	ND	45	ND	ND	**100**	3.6	4.9	1.5	ND	3.0	ND	ND	ND	15	19
B22-20'	**214**	ND	ND	ND	45	ND	ND	**140**	3.2	5.3	1.4	ND	2.4	ND	ND	ND	12	18
B22-25'	**158**	ND	ND	ND	45	ND	ND	**170**	3.6	5.8	1.8	ND	2.9	ND	ND	ND	17	19
B23-1'	6.03	ND	ND	ND	100	ND	ND	**96**	8.5	12	3.2	ND	6.8	ND	ND	ND	31	43
B23-5'	1.59	ND	ND	ND	43	ND	ND	19	3.8	5.5	1.4	ND	3.2	ND	ND	ND	15	19
B23-10'	19.7	ND	ND	ND	120	ND	ND	32	9.9	13	3.3	ND	8.0	ND	ND	ND	37	48
B23-15'	ND	ND	ND	ND	62	ND	ND	6.6	5.4	8.4	2.3	ND	4.3	ND	ND	ND	21	27
B23-20'	**40.3**	ND	ND	ND	57	ND	ND	**47**	4.8	7.6	2.0	ND	4.0	ND	ND	ND	22	24
B23-25'	1.46	ND	ND	ND	36	ND	ND	4.0	3.0	4.5	1.3	ND	2.3	ND	ND	ND	13	16
B28-1'	20.6	ND	ND	ND	110	ND	ND	37	9.8	16	8.3	ND	8.6	ND	ND	ND	37	52
B28-5'	15.6	ND	ND	ND	91	ND	ND	24	8.7	14	7.1	ND	8.0	ND	ND	ND	33	46
B28-10'	ND	ND	ND	ND	50	ND	ND	6.5	4.8	6.9	1.9	ND	4.2	ND	ND	ND	19	24
B28-15'	ND	ND	ND	ND	80	ND	ND	3.0	5.9	9.0	1.7	ND	2.0	ND	ND	ND	23	32
B28-20'	2.21	ND	ND	ND	120	ND	ND	14	11	15	3.5	ND	9.0	ND	ND	ND	41	54
B28-25'	7.0	ND	ND	ND	31	ND	ND	3.3	2.5	3.8	1.1	ND	1.9	ND	ND	ND	11	12
MW1-2'	ND	0.11	ND	ND	72	ND	ND	7.7	6.7	9.1	2.6	ND	5.1	ND	ND	ND	25	33
MW1-5'	1.01	ND	ND	ND	130	ND	ND	15	11	17	5.4	ND	9.0	ND	ND	ND	44	53

Sample ID	Analytical Laboratory Results (milligrams per kilogram, mg/kg, or parts per million [ppm])																	
	Hexavalent Chromium	Mercury	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molyb-denum	Nickel	Selenium	Silver	Thallium	Vana-dium	Zinc
MW1-10'	ND	ND	ND	ND	37	ND	ND	5.4	3.8	4.7	1.5	ND	2.9	ND	ND	ND	15	16
MW1-15'	ND	ND	ND	ND	37	ND	ND	5.9	3.3	5.1	1.6	ND	2.8	ND	ND	ND	15	18
MW1-20'	ND	ND	ND	ND	42	ND	ND	5.6	3.9	5.4	1.6	ND	3.0	ND	ND	ND	21	18
MW1-25'	ND	ND	ND	ND	43	ND	ND	6.6	3.5	5.2	1.7	ND	3.0	ND	ND	ND	16	18
MW1-30'	ND	ND	ND	ND	34	ND	ND	4.6	2.8	4.4	1.3	ND	2.1	ND	ND	ND	17	14
MW1-35'	ND	ND	ND	ND	55	ND	ND	5.0	3.3	4.5	2.0	ND	2.3	ND	ND	ND	15	19
MW1-40'	ND	ND	ND	ND	56	ND	ND	11	4.2	7.0	2.3	ND	3.5	ND	ND	ND	19	24
MW1-45'	ND	ND	ND	ND	62	ND	ND	7.7	4.2	7.1	2.2	ND	3.5	ND	ND	ND	18	22
MW2-1'	1.63	ND	ND	ND	94	ND	**21**	35	7.7	100	5.3	ND	28	ND	ND	ND	29	45
MW2-5'	1.79	ND	ND	ND	41	ND	**20**	**55**	3.3	75	5.4	ND	**190**	ND	ND	ND	14	26
MW2-10'	ND	ND	ND	ND	150	ND	**16**	**77**	12	460	12	ND	44	ND	ND	ND	47	150
MW2-15'	ND	ND	ND	ND	71	ND	9.2	28	5.8	47	2.8	ND	9.8	ND	ND	ND	23	39
MW2-20'	ND	ND	ND	ND	85	ND	**59**	11	7.9	11	2.8	ND	18	ND	ND	ND	28	51
MW2-25'	ND	ND	ND	ND	55	ND	**28**	12	4.4	11	1.9	ND	14	ND	ND	ND	17	25
MW2-30'	ND	ND	ND	ND	53	ND	**11**	22	4.7	9.0	2.2	ND	9.9	ND	ND	ND	18	25
MW2-35'	ND	ND	ND	ND	60	ND	6.9	19	5.3	13	2.6	ND	7.5	ND	ND	ND	22	31
MW2-40'	--	ND	ND	ND	53	ND	1.8	12	4.0	8.4	2.3	ND	4.7	ND	ND	ND	18	22
MW2-45'	--	ND	ND	ND	55	ND	2.8	14	4.3	11	2.3	ND	4.8	ND	ND	ND	18	22
MW3-1'	5.43	ND	ND	ND	92	ND	ND	**110**	8.5	12	4.0	ND	6.8	ND	ND	ND	37	43
MW3-5'	19.7	ND	ND	ND	140	ND	ND	36	12	18	5.1	ND	9.5	ND	ND	ND	51	64

Sample ID	Analytical Laboratory Results (milligrams per kilogram, mg/kg, or parts per million [ppm])																	
	Hexavalent Chromium	Mercury	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molyb-denum	Nickel	Selenium	Silver	Thallium	Vana-dium	Zinc
MW3-10'	17.2	0.12	ND	ND	130	ND	ND	25	12	18	5.1	ND	9.8	ND	ND	ND	51	58
MW3-15'	ND	ND	ND	ND	59	ND	ND	8.3	6.1	7.9	2.6	ND	4.8	ND	ND	ND	29	30
MW3-20'	2.99	ND	ND	ND	65	ND	ND	13	6.9	8.6	2.6	ND	4.6	ND	ND	ND	34	29
MW3-25'	1.88	ND	ND	ND	40	ND	ND	8.5	3.6	5.8	1.8	ND	2.9	ND	ND	ND	18	19
MW3-30'	0.72	ND	ND	ND	64	ND	ND	11	5.4	7.4	2.2	ND	4.0	ND	ND	ND	28	29
MW3-35'	0.73	ND	ND	ND	44	ND	ND	10	4.6	5.4	1.9	ND	3.1	ND	ND	ND	24	21
MW3-40'	1.10	ND	ND	ND	63	ND	ND	37	5.2	8.8	2.8	ND	4.4	ND	ND	ND	39	28
MW3-45'	1.01	ND	ND	ND	84	ND	ND	6.3	4.5	7.1	2.0	ND	6.5	ND	ND	ND	21	20
SSLs[2]	38	--	5.0	29	1,600	63	8.0	38	--	--	--	--	130	5.0	34	--	6,000	12,000
PRGs[3]	--	310	--	--	--	--	--	--	1,900	41,000	150	5,100	--	--	--	67	--	--

Bold face type indicates contaminant concentrations above their respective SSLs or PRGs.

[1]ND - Non-detectable above laboratory reporting limits

[2]SSLs - United States Environmental Protection Agency Region 9 Soil Screening Levels (DAF 20)

[3]PRGs - United States Environmental Protection Agency Region 9 Preliminary Remediaton Goals (Industrial Soil)

Table 2 - Analytical Laboratory Results (Soil)
Cyanide, 1,4-Dioxane, 1,2,3-TCP, & pH

Sample ID	Analytical Laboratory Results			
	Cyanide - EPA 9010B (mg/kg)	1,4-Dioxane - EPA 8270C(M) (µg/kg)	1,2,3-TCP - 8260B (µg/kg)	pH
B2-1'	18	NA[1]	NA	9.8
B2-5'	ND[2]	NA	NA	9.4
B2-10'	0.65	NA	NA	7.2
B2-25'	0.62	NA	NA	NA
B5-1'	ND	NA	NA	5.5
B5-5'	ND	NA	NA	6.9
B5-10'	ND	NA	NA	6.4
B5-25'	0.72	NA	NA	NA
B6-1'	ND	NA	NA	6.2
B6-5'	ND	NA	NA	6.5
B6-10'	ND	NA	NA	6.4
B6-25'	0.52	NA	NA	NA
B8-1'	ND	NA	NA	6.1
B8-5'	ND	NA	NA	6.1
B8-10'	ND	NA	NA	6.2

Sample ID	Analytical Laboratory Results			
	Cyanide - EPA 9010B (mg/kg)	1,4-Dioxane - EPA 8270C(M) (µg/kg)	1,2,3-TCP - 8260B (µg/kg)	pH
B8-25'	ND	NA	NA	6.2
B10-1'	ND	NA	NA	7.3
B10-5'	ND	NA	NA	8.8
B10-10'	ND	NA	NA	7.5
B10-25'	ND	NA	NA	NA
B14-1'	ND	NA	NA	8.2
B14-5'	ND	NA	NA	8.6
B14-10'	ND	NA	NA	7.6
B14-25'	ND	NA	NA	NA
B15-1'	ND	NA	NA	7.3
B15-5'	ND	NA	NA	6.4
B15-10'	ND	NA	NA	8.1
B15-25'	ND	NA	NA	NA
B16-1'	ND	NA	NA	6.7
B16-5'	ND	NA	NA	7.6
B16-10'	ND	NA	NA	8.0
B16-25'	ND	NA	NA	NA

Sample ID	Analytical Laboratory Results			
	Cyanide - EPA 9010B (mg/kg)	1,4-Dioxane - EPA 8270C(M) (µg/kg)	1,2,3-TCP - 8260B (µg/kg)	pH
B17-1'	ND	NA	NA	5.3
B17-5'	ND	NA	NA	7.0
B17-10'	ND	NA	NA	6.8
B17-25'	ND	NA	NA	NA
B18-1'	ND	NA	NA	7.1
B18-5'	ND	NA	NA	7.5
B18-10'	ND	NA	NA	6.6
B18-25'	ND	NA	NA	NA
B19-1'	ND	NA	NA	3.4
B19-5'	ND	NA	NA	5.4
B19-10'	ND	NA	NA	5.8
B19-25'	ND	NA	NA	NA
B20-1'	ND	NA	NA	4.4
B20-5'	ND	NA	NA	4.7
B20-10'	ND	NA	NA	6.2
B20-25'	ND	NA	NA	NA
B21-1'	ND	NA	NA	4.8

Sample ID	Analytical Laboratory Results			
	Cyanide - EPA 9010B (mg/kg)	1,4-Dioxane - EPA 8270C(M) (µg/kg)	1,2,3-TCP - 8260B (µg/kg)	pH
B21-5'	ND	NA	NA	6.4
B21-10'	ND	NA	NA	6.8
B21-25'	ND	NA	NA	NA
B22-1'	ND	NA	NA	3.2
B22-5'	ND	NA	NA	3.2
B22-10'	ND	NA	NA	3.3
B22-25'	ND	NA	NA	NA
B23-1'	ND	ND	ND	8.5
B23-5'	ND	ND	ND	8.4
B23-10'	ND	ND	ND	7.8
B23-25'	ND	NA	NA	NA
B28-1'	ND	ND	ND	6.9
B28-5'	ND	ND	ND	6.9
B28-10'	ND	ND	ND	7.0
B28-25'	ND	NA	NA	NA
MW1-2'	ND	ND	ND	7.0
MW1-5'	ND	NA	ND	7.4

Sample ID	Analytical Laboratory Results			
	Cyanide - EPA 9010B (mg/kg)	1,4-Dioxane - EPA 8270C(M) (µg/kg)	1,2,3-TCP - 8260B (µg/kg)	pH
MW1-10'	ND	NA	ND	7.1
MW1-15'	ND	NA	ND	7.2
MW1-20'	ND	ND	ND	6.8
MW1-25'	ND	NA	ND	7.1
MW1-30'	ND	NA	ND	7.4
MW1-35'	ND	NA	ND	7.3
MW1-40'	ND	NA	ND	7.2
MW1-45'	ND	ND	ND	7.3
MW2-1'	11	ND	ND	7.3
MW2-5'	4.7	ND	ND	8.0
MW2-10'	26	NA	ND	7.5
MW2-15'	ND	NA	ND	6.7
MW2-20'	ND	ND	ND	7.2
MW2-25'	0.38	NA	ND	7.9
MW2-30'	ND	NA	ND	8.1
MW2-35'	0.50	NA	ND	7.9
MW2-40'	0.30	NA	ND	7.5

Sample ID	Analytical Laboratory Results			
	Cyanide - EPA 9010B (mg/kg)	1,4-Dioxane - EPA 8270C(M) (µg/kg)	1,2,3-TCP - 8260B (µg/kg)	pH
MW2-45'	0.45	ND	ND	7.1
MW3-1'	ND	ND	ND	8.5
MW3-5'	ND	NA	ND	6.2
MW3-10'	ND	NA	ND	6.2
MW3-15'	ND	NA	ND	6.3
MW3-20'	ND	ND	ND	6.5
MW3-25'	ND	NA	ND	6.7
MW3-30'	ND	NA	ND	7.4
MW3-35'	ND	NA	ND	7.1
MW3-40'	ND	NA	ND	6.7
MW3-45'	ND	ND	ND	6.7
PRGs[3]	35	160	0.011	--

[1] NA - Not Analyzed
[2] ND - Non-Detectable Above Laboratory Reporting Limits
[3] PRGs - United States Environmental Protection Agency Region 9 Preliminary Remediation Goals (Industrial Soil)

Table 3 - Analytical Laboratory Results (Soil)
Select Volatile Organic Compounds

Sample Identification	Analytical Laboratory Results (µg/kg or parts per billion [ppb])										
	1,1-Dichloropropene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Ethylbenzene	m,p-Xylene	Methylene Chloride	Napthalene	o-Xylene	Tetrachloroethene	Toluene	Trichloroethene
MW1-2	ND[1]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW1-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW1-10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW1-15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW1-20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW1-25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW1-30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW1-35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW1-40	ND	ND	2.9	1.5	6.5	ND	2.6	2.2	ND	1.9	ND
MW1-45	ND	ND	ND	ND	4.0	2.0	ND	1.2	ND	1.8	ND
MW2-1	ND	8.1	ND	ND	ND	ND	ND	ND	**63**	ND	2.6
MW2-5	ND	ND	ND	ND	ND	ND	ND	ND	7.8	ND	ND
MW2-10	ND	ND	ND	ND	ND	ND	ND	ND	6.8	ND	ND
MW2-15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW2-20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW2-25	ND	ND	ND	ND	ND	2.0	ND	ND	ND	ND	ND
MW2-30	ND	ND	ND	ND	ND	2.0	ND	ND	ND	ND	ND

Sample Identification	Analytical Laboratory Results (µg/kg or parts per billion [ppb])										
	1,1-Dichloropropene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Ethylbenzene	m,p-Xylene	Methylene Chloride	Napthalene	o-Xylene	Tetrachloroethene	Toluene	Trichloroethene
MW2-35	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND
MW2-40	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW2-45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW3-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW3-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW3-10	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND
MW3-15	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND
MW3-20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW3-25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW3-30	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND
MW3-35	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND
MW3-40	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND
MW3-45	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND
SSLs[2]	--	2,000	70,000[3]	13,000	210,000	20	--	210,000	60	12,000	60

Bold Face Type indicates contaminant concentrations above their respective SSLs or PRGs

[1] ND - Non-Detectable Above Laboratory Reporting Limits

[2] SSLs - United States Environmental Protection Agency Region 9 Soil Screening Levels (DAF 20)

[3] United States Environmental Protection Agency Region 9 Preliminary Remediation Goals (PRGs) for Industrial Soil

Table 4 - Analytical Laboratory Results
Groundwater Samples (February 23, 2006)

Sample ID	Analytical Laboratory Results (micrograms per Liter, µg/L, or parts per billion [ppb])																	
	Hexavalent Chromium	Mercury	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molyb-denum	Nickel	Selenium	Silver	Thallium	Vana-dium	Zinc
MW1	96.6	ND[1]	ND	ND	100	ND	ND	**87**	ND	ND	ND	8.9	6.3	**140**	ND	**25**	4.5	150
MW2	283	ND	ND	ND	190	ND	**5.2**	**240**	6.7	33	7.0	ND	0.015	**150**	ND	ND	25	100
MW3	317	ND	ND	ND	310	ND	ND	**260**	130	23	6.8	ND	0.015	**120**	ND	ND	50	80
MCLs[2]	--	2.0	6.0	50	1,000	4.0	5.0	50	--	1,000	--	--	100	50	100	2.0	--	5,000

Bold face type indicates contaminant concentrations above their respective MCLs
1 ND - Non-Detectable above laboratory reporting limits
2 MCLs - Maximum Contaminant Levels

Table 5 - Analytical Laboratory Results (groundwater)
Cyanide, 1,4-Dioxane, and 1,2,3-TCP

Sample ID	Analytical Laboratory Results		
	Cyanide - EPA 9010B (mg/L)	1,4-Dioxane - EPA 8270C (µg/L)	1,2,3-TCP - EPA 8260B (ng/L)
MW1	ND[1]	3.6	ND
MW2	ND	4.9	ND
MW3	ND	NA[2]	NA
MCLs[3]	0.15	--	--

[1] ND - Non-Detectable above laboratory reporting limits
[2] NA - Not analyzed
[3] MCLs - Maximum Contaminant Levels

Table 6 - Analytical Laboratory Results (groundwater)
Select Volatile Organic Compounds - 8260B

Sample ID	Analytical Laboratory Results (micrograms per liter, mg/L, or parts per billion [ppb])					
	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Chloroform	Tetrachloroethene	Trichloroethene
MW1	ND[1]	ND	6.7	2.2	**51**	**130**
MW2	ND	ND	8.6	1.8	**86**	**180**
MW3	0.65	0.53	11	2.0	**100**	**200**
MCLs[2]	200	5.0	--	--	5.0	5.0

Bold face type indicates contaminant concentrations above their respective MCLs
1 ND - Non-detectable above laboratory reporting limits
2 MCLs - Maximum Contaminant Levels

Table 7 - Soil Boring Location Coordinates

Soil Boring Identification	Soil Boring Location Coordinates	
	Latitude	Longitude
B2	N 34º 08.238	W 118º 16.172
B5	N 34º 08.241	W 118º 16.172
B6	N 34º 08.241	W 118º 16.174
B8	N 34º 08.244	W 118º 16.173
B10	N 34º 08.245	W 118º 16.172
B14	N 34º 08.242	W 118º 16.170
B15	N 34º 08.241	W 118º 16.164
B16	N 34º 08.244	W 118º 16.169
B17	N 34º 08.241	W 118º 16.162
B18	N 34º 08.243	W 118º 16.169
B19	N 34º 08.247	W 118º 16.172
B20	N 34º 08.247	W 118º 16.171
B21	N 34º 08.253	W 118º 16.169
B22	N 34º 08.252	W 118º 16.171
B23	N 34º 08.249	W 118º 16.172
B28	N 34º 08.232	W 118º 16.157
MW1	N 34º 08.234	W 118º 16.155
MW2	N 34º 08.242	W 118º 16.167
MW3	N 34º 08.245	W 118º 16.170

The latitude and longitude coordinates were measured using a Magellan Explorist 300 hand held GPS device

Table 8
Historical Water Table Elevation Measurements

Well Location	Top of Well Casing (Feet above msl[1])	Measurement Date	Depth to Groundwater (Feet bgs[2])	Water Elevation (Feet above msl)	Water Elevation Change
MW1	445.19	2/23/2006	46.34	398.85	--
MW2	446.37	2/23/2006	47.45	398.91	--
MW3	446.57	2/23/2006	47.40	399.17	--

[1]msl - mean sea level
[2]bgs - below ground surface

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT: Ceres Associates
Project: Excello Plating, SC592-1
Lab Order: 081761

CASE NARRATIVE

The samples for EPA 7199 (Hexavalent Chromium) were subcontracted to American Scientific Laboratories, Inc. with ELAP Cert 2200.

Analytical Comments for EPA 8260

Results were J-Flag per your request. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B2-1
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 9:00:00 AM
Lab ID:	081761-001A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 7:33:03 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
Barium	85	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
Cadmium	50	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
Chromium	75	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
Cobalt	6.9	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
Copper	360	2.0		mg/Kg	1	2/10/2006 7:33:03 PM
Lead	54	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
Nickel	82	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
Vanadium	28	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
Zinc	120	1.0		mg/Kg	1	2/10/2006 7:33:03 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	18	0.62		mg/Kg	2.5	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208A	QC Batch: R59022			PrepDate:		Analyst: **MJM**
pH	9.8	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B2-5
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 9:05:00 AM
Lab ID:	081761-002A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 7:41:10 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
Barium	64	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
Chromium	11	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
Cobalt	6.9	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
Copper	10	2.0		mg/Kg	1	2/10/2006 7:41:10 PM
Lead	3.1	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
Nickel	9.3	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
Vanadium	33	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
Zinc	32	1.0		mg/Kg	1	2/10/2006 7:41:10 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	0.11	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208A	QC Batch: R59022			PrepDate:		Analyst: **MJM**
pH	9.4	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B2-10
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 9:15:00 AM
Lab ID:	081761-003A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 7:49:12 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
Barium	100	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
Chromium	29	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
Cobalt	9.4	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
Copper	11	2.0		mg/Kg	1	2/10/2006 7:49:12 PM
Lead	3.0	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
Nickel	11	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
Vanadium	40	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
Zinc	46	1.0		mg/Kg	1	2/10/2006 7:49:12 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	0.65	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208A	QC Batch: R59022			PrepDate:		Analyst: **MJM**
pH	7.2	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B2-15
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 9:20:00 AM
Lab ID:	081761-004A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 7:57:17 PM
Arsenic	3.0	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
Barium	190	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
Chromium	19	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
Cobalt	16	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
Copper	29	2.0		mg/Kg	1	2/10/2006 7:57:17 PM
Lead	8.5	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
Nickel	13	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
Vanadium	63	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
Zinc	74	1.0		mg/Kg	1	2/10/2006 7:57:17 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	0.15	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B2-20
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 9:30:00 AM
Lab ID:	081761-005A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 8:05:15 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
Barium	80	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
Chromium	10	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
Cobalt	7.7	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
Copper	11	2.0		mg/Kg	1	2/10/2006 8:05:15 PM
Lead	2.9	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
Nickel	12	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
Vanadium	34	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
Zinc	37	1.0		mg/Kg	1	2/10/2006 8:05:15 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B2-25
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 9:40:00 AM
Lab ID:	081761-006A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 8:13:21 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
Barium	52	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
Chromium	6.1	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
Cobalt	4.6	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
Copper	5.9	2.0		mg/Kg	1	2/10/2006 8:13:21 PM
Lead	1.7	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
Nickel	7.3	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
Vanadium	23	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
Zinc	22	1.0		mg/Kg	1	2/10/2006 8:13:21 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	0.62	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	0.10	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B15-1
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 9:55:00 AM
Lab ID:	081761-007A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	2.4	2.0		mg/Kg	1	2/10/2006 8:21:15 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
Barium	100	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
Chromium	450	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
Cobalt	9.3	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
Copper	12	2.0		mg/Kg	1	2/10/2006 8:21:15 PM
Lead	3.3	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
Nickel	7.3	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
Vanadium	39	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
Zinc	44	1.0		mg/Kg	1	2/10/2006 8:21:15 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208A	QC Batch: R59022			PrepDate:		Analyst: **MJM**
pH	7.3	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B15-5
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 9:58:00 AM
Lab ID:	081761-008A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	23	2.0		mg/Kg	1	2/10/2006 8:29:19 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
Barium	46	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
Chromium	2100	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
Cobalt	4.6	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
Copper	5.8	2.0		mg/Kg	1	2/10/2006 8:29:19 PM
Lead	ND	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
Nickel	6.1	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
Vanadium	19	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
Zinc	17	1.0		mg/Kg	1	2/10/2006 8:29:19 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208A	QC Batch: R59022			PrepDate:		Analyst: **MJM**
pH	6.4	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B15-10
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:05:00 AM
Lab ID:	081761-009A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 8:52:40 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
Barium	130	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
Chromium	19	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
Cobalt	12	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
Copper	13	2.0		mg/Kg	1	2/10/2006 8:52:40 PM
Lead	3.7	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
Nickel	9.0	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
Vanadium	48	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
Zinc	55	1.0		mg/Kg	1	2/10/2006 8:52:40 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208A	QC Batch: R59022			PrepDate:		Analyst: **MJM**
pH	8.1	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B15-15
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:15:00 AM
Lab ID:	081761-010A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 9:00:11 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
Barium	73	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
Chromium	17	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
Cobalt	7.5	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
Copper	11	2.0		mg/Kg	1	2/10/2006 9:00:11 PM
Lead	3.3	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
Nickel	7.2	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
Vanadium	35	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
Zinc	34	1.0		mg/Kg	1	2/10/2006 9:00:11 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	0.14	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B15-20
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:15:00 AM
Lab ID:	081761-011A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 9:08:13 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
Barium	92	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
Chromium	20	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
Cobalt	9.2	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
Copper	12	2.0		mg/Kg	1	2/10/2006 9:08:13 PM
Lead	3.4	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
Nickel	7.0	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
Vanadium	43	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
Zinc	42	1.0		mg/Kg	1	2/10/2006 9:08:13 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B15-25
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:20:00 AM
Lab ID:	081761-012A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 9:15:40 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
Barium	18	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
Chromium	3.3	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
Cobalt	2.2	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
Copper	ND	2.0		mg/Kg	1	2/10/2006 9:15:40 PM
Lead	1.1	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
Nickel	ND	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
Vanadium	8.3	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
Zinc	18	1.0		mg/Kg	1	2/10/2006 9:15:40 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B18-1
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:30:00 AM
Lab ID:	081761-013A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 9:23:16 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
Barium	84	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
Chromium	25	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
Cobalt	8.7	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
Copper	14	2.0		mg/Kg	1	2/10/2006 9:23:16 PM
Lead	4.7	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
Nickel	12	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
Vanadium	38	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
Zinc	48	1.0		mg/Kg	1	2/10/2006 9:23:16 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208A	QC Batch: R59022			PrepDate:		Analyst: **MJM**
pH	7.1	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B18-5
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:35:00 AM
Lab ID:	081761-014A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 9:31:22 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
Barium	41	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
Chromium	11	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
Cobalt	3.8	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
Copper	4.8	2.0		mg/Kg	1	2/10/2006 9:31:22 PM
Lead	1.5	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
Nickel	3.0	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
Vanadium	24	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
Zinc	19	1.0		mg/Kg	1	2/10/2006 9:31:22 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208A	QC Batch: R59022			PrepDate:		Analyst: **MJM**
pH	7.5	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B18-10
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:40:00 AM
Lab ID:	081761-015A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 9:38:49 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
Barium	91	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
Chromium	18	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
Cobalt	8.6	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
Copper	10	2.0		mg/Kg	1	2/10/2006 9:38:49 PM
Lead	3.0	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
Nickel	6.6	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
Vanadium	40	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
Zinc	41	1.0		mg/Kg	1	2/10/2006 9:38:49 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208A	QC Batch: R59022			PrepDate:		Analyst: **MJM**
pH	6.6	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B18-15
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:45:00 AM
Lab ID:	081761-016A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 9:46:53 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
Barium	96	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
Chromium	19	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
Cobalt	9.8	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
Copper	14	2.0		mg/Kg	1	2/10/2006 9:46:53 PM
Lead	4.0	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
Nickel	8.2	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
Vanadium	43	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
Zinc	44	1.0		mg/Kg	1	2/10/2006 9:46:53 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B18-20
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:50:00 AM
Lab ID:	081761-017A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 9:54:23 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
Barium	96	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
Cadmium	1.3	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
Chromium	13	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
Cobalt	8.4	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
Copper	11	2.0		mg/Kg	1	2/10/2006 9:54:23 PM
Lead	3.0	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
Nickel	7.1	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
Vanadium	38	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
Zinc	40	1.0		mg/Kg	1	2/10/2006 9:54:23 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B18-25
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:00:00 AM
Lab ID:	081761-018A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 10:02:25 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
Barium	78	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
Chromium	13	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
Cobalt	7.3	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
Copper	9.9	2.0		mg/Kg	1	2/10/2006 10:02:25 PM
Lead	3.1	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
Nickel	5.6	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
Vanadium	42	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
Zinc	33	1.0		mg/Kg	1	2/10/2006 10:02:25 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B16-1
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:10:00 AM
Lab ID:	081761-019A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	25	2.0		mg/Kg	1	2/10/2006 10:25:17 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
Barium	88	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
Cadmium	67	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
Chromium	2300	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
Cobalt	9.8	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
Copper	69	2.0		mg/Kg	1	2/10/2006 10:25:17 PM
Lead	12	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
Nickel	69	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
Vanadium	29	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
Zinc	98	1.0		mg/Kg	1	2/10/2006 10:25:17 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208A	QC Batch: R59022			PrepDate:		Analyst: **MJM**
pH	6.7	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B16-5
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:12:00 AM
Lab ID:	081761-020A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210F	QC Batch: 26637			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 10:33:47 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
Barium	33	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
Chromium	85	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
Cobalt	3.3	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
Copper	4.0	2.0		mg/Kg	1	2/10/2006 10:33:47 PM
Lead	1.2	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
Nickel	2.7	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
Vanadium	18	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
Zinc	15	1.0		mg/Kg	1	2/10/2006 10:33:47 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210D	QC Batch: 26645			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208B	QC Batch: R59027			PrepDate:		Analyst: **MJM**
pH	7.6	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B16-10
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:15:00 AM
Lab ID:	081761-021A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 11:13:33 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
Barium	120	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
Chromium	21	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
Cobalt	11	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
Copper	15	2.0		mg/Kg	1	2/10/2006 11:13:33 PM
Lead	4.2	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
Nickel	8.3	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
Vanadium	47	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
Zinc	52	1.0		mg/Kg	1	2/10/2006 11:13:33 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208B	QC Batch: R59027			PrepDate:		Analyst: **MJM**
pH	8.0	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B16-15
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:20:00 AM
Lab ID:	081761-022A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 11:21:40 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
Barium	95	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
Cadmium	ND	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
Chromium	19	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
Cobalt	8.8	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
Copper	12	2.0		mg/Kg	1	2/10/2006 11:21:40 PM
Lead	4.0	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
Molybdenum	ND	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
Nickel	7.4	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
Vanadium	42	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
Zinc	40	1.0		mg/Kg	1	2/10/2006 11:21:40 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B16-20
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:25:00 AM
Lab ID:	081761-023A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/10/2006 11:29:44 PM
Arsenic	ND	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
Barium	77	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
Beryllium	ND	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
Cadmium	1.8	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
Chromium	62	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
Cobalt	7.0	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
Copper	16	2.0		mg/Kg	1	2/10/2006 11:29:44 PM
Lead	3.4	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
Molybdenum	4.8	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
Nickel	11	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
Selenium	ND	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
Silver	ND	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
Thallium	ND	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
Vanadium	30	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
Zinc	53	1.0		mg/Kg	1	2/10/2006 11:29:44 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B16-25
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:30:00 AM
Lab ID:	081761-024A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 12:55:53 PM
Arsenic	3.5	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
Barium	46	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
Chromium	56	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
Cobalt	3.9	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
Copper	11	2.0		mg/Kg	1	2/13/2006 12:55:53 PM
Lead	18	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
Nickel	7.2	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
Vanadium	8.5	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
Zinc	63	1.0		mg/Kg	1	2/13/2006 12:55:53 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B17-1
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:50:00 AM
Lab ID:	081761-025A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 12:00:05 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
Barium	100	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
Chromium	13	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
Cobalt	9.6	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
Copper	13	2.0		mg/Kg	1	2/11/2006 12:00:05 AM
Lead	4.0	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
Nickel	7.6	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
Vanadium	43	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
Zinc	53	1.0		mg/Kg	1	2/11/2006 12:00:05 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	0.11	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208B	QC Batch: R59027			PrepDate:		Analyst: **MJM**
pH	5.3	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B17-5
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 12:00:00 PM
Lab ID:	081761-026A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 12:07:39 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
Barium	47	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
Chromium	8.2	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
Cobalt	4.8	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
Copper	6.3	2.0		mg/Kg	1	2/11/2006 12:07:39 AM
Lead	2.1	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
Nickel	4.0	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
Vanadium	26	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
Zinc	23	1.0		mg/Kg	1	2/11/2006 12:07:39 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	0.10	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208B	QC Batch: R59027			PrepDate:		Analyst: **MJM**
pH	7.0	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B17-10
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 12:05:00 PM
Lab ID:	081761-027A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 12:15:28 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
Barium	150	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
Chromium	16	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
Cobalt	13	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
Copper	21	2.0		mg/Kg	1	2/11/2006 12:15:28 AM
Lead	6.0	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
Nickel	10	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
Vanadium	53	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
Zinc	69	1.0		mg/Kg	1	2/11/2006 12:15:28 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210B	QC Batch: 26627			PrepDate:	2/8/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208B	QC Batch: R59027			PrepDate:		Analyst: **MJM**
pH	6.8	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B17-15
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 12:10:00 PM
Lab ID:	081761-028A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 12:23:26 AM
Arsenic	1.9	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
Barium	140	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
Chromium	15	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
Cobalt	12	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
Copper	22	2.0		mg/Kg	1	2/11/2006 12:23:26 AM
Lead	6.8	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
Nickel	9.8	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
Vanadium	53	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
Zinc	63	1.0		mg/Kg	1	2/11/2006 12:23:26 AM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B17-20
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 12:15:00 PM
Lab ID:	081761-029A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 12:30:57 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
Barium	71	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
Chromium	11	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
Cobalt	7.0	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
Copper	9.0	2.0		mg/Kg	1	2/11/2006 12:30:57 AM
Lead	2.6	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
Nickel	5.5	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
Vanadium	38	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
Zinc	34	1.0		mg/Kg	1	2/11/2006 12:30:57 AM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B17-25
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 12:30:00 PM
Lab ID:	081761-030A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 12:39:02 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
Barium	55	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
Chromium	8.8	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
Cobalt	5.6	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
Copper	6.5	2.0		mg/Kg	1	2/11/2006 12:39:02 AM
Lead	2.0	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
Nickel	4.0	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
Vanadium	33	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
Zinc	23	1.0		mg/Kg	1	2/11/2006 12:39:02 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B14-1
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 1:15:00 PM
Lab ID:	081761-031A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 12:46:49 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
Barium	94	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
Chromium	12	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
Cobalt	8.5	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
Copper	12	2.0		mg/Kg	1	2/11/2006 12:46:49 AM
Lead	3.2	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
Nickel	6.6	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
Vanadium	37	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
Zinc	45	1.0		mg/Kg	1	2/11/2006 12:46:49 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208B	QC Batch: R59027			PrepDate:		Analyst: **MJM**
pH	8.2	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B14-5
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 1:20:00 PM
Lab ID:	081761-032A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 12:54:53 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
Barium	72	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
Chromium	13	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
Cobalt	5.0	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
Copper	4.8	2.0		mg/Kg	1	2/11/2006 12:54:53 AM
Lead	1.6	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
Nickel	5.3	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
Silver	18	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
Vanadium	25	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
Zinc	22	1.0		mg/Kg	1	2/11/2006 12:54:53 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208B	QC Batch: R59027			PrepDate:		Analyst: **MJM**
pH	8.6	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B14-10
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 1:35:00 PM
Lab ID:	081761-033A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 1:02:40 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
Barium	100	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
Chromium	17	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
Cobalt	9.5	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
Copper	12	2.0		mg/Kg	1	2/11/2006 1:02:40 AM
Lead	3.3	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
Nickel	7.2	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
Silver	2.1	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
Vanadium	44	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
Zinc	45	1.0		mg/Kg	1	2/11/2006 1:02:40 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208B	QC Batch: R59027			PrepDate:		Analyst: **MJM**
pH	7.6	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B14-15
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 1:30:00 PM
Lab ID:	081761-034A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 1:10:09 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
Barium	100	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
Chromium	17	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
Cobalt	9.7	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
Copper	14	2.0		mg/Kg	1	2/11/2006 1:10:09 AM
Lead	4.2	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
Molybdenum	1.6	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
Nickel	7.5	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
Vanadium	44	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
Zinc	46	1.0		mg/Kg	1	2/11/2006 1:10:09 AM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B14-20
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 1:35:00 PM
Lab ID:	081761-035A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 1:32:38 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
Barium	57	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
Chromium	12	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
Cobalt	5.8	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
Copper	7.8	2.0		mg/Kg	1	2/11/2006 1:32:38 AM
Lead	2.5	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
Nickel	4.3	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
Vanadium	35	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
Zinc	28	1.0		mg/Kg	1	2/11/2006 1:32:38 AM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B14-25
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 1:40:00 PM
Lab ID:	081761-036A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 1:40:24 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
Barium	38	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
Chromium	7.0	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
Cobalt	3.2	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
Copper	4.7	2.0		mg/Kg	1	2/11/2006 1:40:24 AM
Lead	1.4	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
Nickel	2.7	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
Vanadium	18	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
Zinc	16	1.0		mg/Kg	1	2/11/2006 1:40:24 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B5-1
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 2:03:00 PM
Lab ID:	081761-037A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 1:47:50 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
Barium	55	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
Cadmium	38	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
Chromium	8.0	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
Cobalt	6.2	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
Copper	7.2	2.0		mg/Kg	1	2/11/2006 1:47:50 AM
Lead	2.4	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
Nickel	760	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
Vanadium	27	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
Zinc	34	1.0		mg/Kg	1	2/11/2006 1:47:50 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208B	QC Batch: R59027			PrepDate:		Analyst: **MJM**
pH	5.5	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B5-5
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 2:08:00 PM
Lab ID:	081761-038A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 1:55:42 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
Barium	99	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
Cadmium	3.8	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
Chromium	21	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
Cobalt	9.3	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
Copper	25	2.0		mg/Kg	1	2/11/2006 1:55:42 AM
Lead	24	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
Molybdenum	1.2	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
Nickel	120	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
Vanadium	41	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
Zinc	94	1.0		mg/Kg	1	2/11/2006 1:55:42 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208B	QC Batch: R59027			PrepDate:		Analyst: **MJM**
pH	6.9	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B5-10
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 2:05:00 PM
Lab ID:	081761-039A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 2:03:51 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
Barium	100	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
Cadmium	64	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
Chromium	12	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
Cobalt	9.6	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
Copper	11	2.0		mg/Kg	1	2/11/2006 2:03:51 AM
Lead	3.1	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
Nickel	8.2	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
Vanadium	42	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
Zinc	44	1.0		mg/Kg	1	2/11/2006 2:03:51 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208C	QC Batch: R59031			PrepDate:		Analyst: **MJM**
pH	6.4	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B5-15
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 2:10:00 PM
Lab ID:	081761-040A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210G	QC Batch: 26638			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 2:11:25 AM
Arsenic	1.7	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
Barium	140	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
Chromium	17	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
Cobalt	13	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
Copper	22	2.0		mg/Kg	1	2/11/2006 2:11:25 AM
Lead	6.9	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
Nickel	14	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
Vanadium	55	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
Zinc	64	1.0		mg/Kg	1	2/11/2006 2:11:25 AM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210E	QC Batch: 26646			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B5-20
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 2:15:00 PM
Lab ID:	081761-041A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 3:06:18 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
Barium	110	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
Chromium	15	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
Cobalt	10	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
Copper	14	2.0		mg/Kg	1	2/11/2006 3:06:18 AM
Lead	3.7	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
Nickel	8.7	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
Vanadium	41	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
Zinc	49	1.0		mg/Kg	1	2/11/2006 3:06:18 AM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210B	QC Batch: 26647			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B5-25
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 2:25:00 PM
Lab ID:	081761-042A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 3:13:47 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
Barium	45	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
Chromium	6.2	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
Cobalt	4.1	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
Copper	5.8	2.0		mg/Kg	1	2/11/2006 3:13:47 AM
Lead	2.0	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
Nickel	3.2	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
Vanadium	26	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
Zinc	20	1.0		mg/Kg	1	2/11/2006 3:13:47 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	0.72	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210B	QC Batch: 26647			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	0.10	0.10		mg/Kg	1	2/10/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-1
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:45:00 AM
Lab ID:	081761-043A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 3:21:43 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
Barium	92	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
Chromium	110	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
Cobalt	8.5	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
Copper	12	2.0		mg/Kg	1	2/11/2006 3:21:43 AM
Lead	4.0	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
Nickel	6.8	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
Vanadium	37	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
Zinc	43	1.0		mg/Kg	1	2/11/2006 3:21:43 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210B	QC Batch: 26647			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/21/2006 7:06:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060208C	QC Batch: R59031			PrepDate:		Analyst: **MJM**
pH	8.5	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-5
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:55:00 AM
Lab ID:	081761-044A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 3:29:46 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
Barium	140	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
Chromium	36	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
Cobalt	12	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
Copper	18	2.0		mg/Kg	1	2/11/2006 3:29:46 AM
Lead	5.1	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
Nickel	9.5	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
Vanadium	51	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
Zinc	64	1.0		mg/Kg	1	2/11/2006 3:29:46 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210B	QC Batch: 26647			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208C	QC Batch: R59031			PrepDate:		Analyst: **MJM**
pH	6.2	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-10
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:00:00 AM
Lab ID:	081761-045A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 3:37:18 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
Barium	130	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
Chromium	25	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
Cobalt	12	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
Copper	18	2.0		mg/Kg	1	2/11/2006 3:37:18 AM
Lead	5.1	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
Nickel	9.8	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
Vanadium	51	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
Zinc	58	1.0		mg/Kg	1	2/11/2006 3:37:18 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210B	QC Batch: 26647			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	0.12	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208C	QC Batch: R59031			PrepDate:		Analyst: **MJM**
pH	6.2	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-15
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:08:00 AM
Lab ID:	081761-046A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 3:44:51 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
Barium	59	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
Chromium	8.3	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
Cobalt	6.1	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
Copper	7.9	2.0		mg/Kg	1	2/11/2006 3:44:51 AM
Lead	2.6	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
Nickel	4.8	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
Vanadium	29	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
Zinc	30	1.0		mg/Kg	1	2/11/2006 3:44:51 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210B	QC Batch: 26647			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208C	QC Batch: R59031			PrepDate:		Analyst: **MJM**
pH	6.3	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-20
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:30:00 AM
Lab ID:	081761-047A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 3:52:44 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
Barium	65	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
Chromium	13	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
Cobalt	6.9	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
Copper	8.6	2.0		mg/Kg	1	2/11/2006 3:52:44 AM
Lead	2.6	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
Nickel	4.6	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
Vanadium	34	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
Zinc	29	1.0		mg/Kg	1	2/11/2006 3:52:44 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210B	QC Batch: 26647			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/21/2006 7:40:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060208C	QC Batch: R59031			PrepDate:		Analyst: **MJM**
pH	6.5	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-25
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:40:00 AM
Lab ID:	081761-048A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 4:00:32 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
Barium	40	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
Chromium	8.5	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
Cobalt	3.6	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
Copper	5.8	2.0		mg/Kg	1	2/11/2006 4:00:32 AM
Lead	1.8	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
Nickel	2.9	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
Vanadium	18	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
Zinc	19	1.0		mg/Kg	1	2/11/2006 4:00:32 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210B	QC Batch: 26647			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208C	QC Batch: R59031			PrepDate:		Analyst: **MJM**
pH	6.7	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-30
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:50:00 PM
Lab ID:	081761-049A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 4:08:00 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
Barium	64	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
Chromium	11	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
Cobalt	5.4	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
Copper	7.4	2.0		mg/Kg	1	2/11/2006 4:08:00 AM
Lead	2.2	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
Nickel	4.0	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
Vanadium	28	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
Zinc	29	1.0		mg/Kg	1	2/11/2006 4:08:00 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210B	QC Batch: 26647			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208C	QC Batch: R59031			PrepDate:		Analyst: **MJM**
pH	7.4	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-35
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 12:10:00 PM
Lab ID:	081761-050A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 4:15:50 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
Barium	44	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
Chromium	10	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
Cobalt	4.6	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
Copper	5.4	2.0		mg/Kg	1	2/11/2006 4:15:50 AM
Lead	1.9	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
Nickel	3.1	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
Vanadium	24	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
Zinc	21	1.0		mg/Kg	1	2/11/2006 4:15:50 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210B	QC Batch: 26647			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208C	QC Batch: R59031			PrepDate:		Analyst: **MJM**
pH	7.1	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-40
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 1:30:00 PM
Lab ID:	081761-051A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 4:38:32 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
Barium	63	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
Chromium	37	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
Cobalt	5.2	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
Copper	8.8	2.0		mg/Kg	1	2/11/2006 4:38:32 AM
Lead	2.8	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
Nickel	4.4	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
Vanadium	39	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
Zinc	28	1.0		mg/Kg	1	2/11/2006 4:38:32 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210B	QC Batch: 26647			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060208C	QC Batch: R59031			PrepDate:		Analyst: **MJM**
pH	6.7	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-45
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 1:45:00 PM
Lab ID:	081761-052A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 4:46:20 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
Barium	84	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
Chromium	6.3	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
Cobalt	4.5	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
Copper	7.1	2.0		mg/Kg	1	2/11/2006 4:46:20 AM
Lead	2.0	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
Nickel	6.5	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
Vanadium	21	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
Zinc	20	1.0		mg/Kg	1	2/11/2006 4:46:20 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213A	QC Batch: 26633			PrepDate:	2/9/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210B	QC Batch: 26647			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/21/2006 8:14:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060208D	QC Batch: R59032			PrepDate:		Analyst: **MJM**
pH	6.7	0.10		pH Units	1	2/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-1
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:45:00 AM
Lab ID:	081761-043A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060209B** QC Batch: **R06VS040** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/9/2006 11:37:00 PM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Benzene	ND	0.34	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/9/2006 11:37:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-1
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:45:00 AM
Lab ID:	081761-043A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/9/2006 11:37:00 PM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Styrene	ND	2.6	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Toluene	ND	0.30	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/9/2006 11:37:00 PM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/9/2006 11:37:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-5
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:55:00 AM
Lab ID:	081761-044A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060209B** QC Batch: **R06VS040** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 12:06:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 12:06:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-5
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 10:55:00 AM
Lab ID:	081761-044A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 12:06:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 12:06:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 12:06:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-10
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:00:00 AM
Lab ID:	081761-045A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060209B** QC Batch: **R06VS040** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 12:35:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 12:35:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-10
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:00:00 AM
Lab ID:	081761-045A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 12:35:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Toluene	1.0	0.30	5.0	J	µg/Kg	1	2/10/2006 12:35:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 12:35:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 12:35:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-15
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:08:00 AM
Lab ID:	081761-046A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060209B** QC Batch: **R06VS040** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 1:04:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 1:04:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-15
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:08:00 AM
Lab ID:	081761-046A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 1:04:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Toluene	1.1	0.30	5.0	J	µg/Kg	1	2/10/2006 1:04:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 1:04:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 1:04:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-20
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:30:00 AM
Lab ID:	081761-047A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060209B** QC Batch: **R06VS040** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 1:34:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 1:34:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-20
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:30:00 AM
Lab ID:	081761-047A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 1:34:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 1:34:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 1:34:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-25
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:40:00 AM
Lab ID:	081761-048A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060209B** QC Batch: **R06VS040** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 2:02:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 2:02:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-25
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:40:00 AM
Lab ID:	081761-048A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 2:02:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 2:02:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:02:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-30
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:50:00 PM
Lab ID:	081761-049A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060209B** QC Batch: **R06VS040** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 2:31:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 2:31:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-30
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 11:50:00 PM
Lab ID:	081761-049A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 2:31:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Toluene	1.0	0.30	5.0	J	µg/Kg	1	2/10/2006 2:31:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 2:31:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:31:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-35
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 12:10:00 PM
Lab ID:	081761-050A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060209B** QC Batch: **R06VS040** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 2:59:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 2:59:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-35
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 12:10:00 PM
Lab ID:	081761-050A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 2:59:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Toluene	1.0	0.30	5.0	J	µg/Kg	1	2/10/2006 2:59:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 2:59:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 2:59:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-40
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 1:30:00 PM
Lab ID:	081761-051A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 3:28:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 3:28:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-40
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 1:30:00 PM
Lab ID:	081761-051A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 3:28:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Toluene	1.0	0.30	5.0	J	µg/Kg	1	2/10/2006 3:28:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 3:28:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 3:28:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-45
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 1:45:00 PM
Lab ID:	081761-052A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060209B** QC Batch: **R06VS040** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 3:57:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 3:57:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *27-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3-45
Lab Order:	081761	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/6/2006 1:45:00 PM
Lab ID:	081761-052A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 3:57:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Toluene	1.0	0.30	5.0	J	µg/Kg	1	2/10/2006 3:57:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 3:57:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 3:57:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

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3275 Wallnut Ave.
Signal Hill, CA 90807-

Telephone (562)989-4045
Attn Rachelle Arada

Number of Pages 12
Date Received 02/08/2006
Date Reported 02/15/2006

Job Number	Ordered	Client
28445	02/08/2006	ATL

Project ID: 081761
Project Name:

Enclosed are the results of analyses on 52 samples analyzed as specified on attached chain of custody.

Amolk MOLKY Brar
Laboratory Manager

Rojert G. Araghi
Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:
1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

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ANALYTICAL RESULTS

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Page: 2
Project ID: 081761
Project Name:

Job Number	Order Date	Client
28445	02/08/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164515	164516	164517	164518	164519
Sample ID		081761-001B	081761-002B	081761-003B	081761-004B	081761-005B
Date Sampled		02/06/2006	02/06/2006	02/06/2006	02/06/2006	02/06/2006
Date Extracted		02/09/2006	02/09/2006	02/09/2006	02/09/2006	02/09/2006
Preparation Method						
Date Analyzed		02/10/2006	02/10/2006	02/10/2006	02/10/2006	02/10/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	15.4	ND	ND	ND	ND

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	98	80-120								

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ANALYTICAL RESULTS

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Page: 3
Project ID: 081761
Project Name:

Job Number	Order Date	Client
28445	02/08/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164520	164521	164522	164523	164524
Sample ID		081761-006B	081761-007B	081761-008B	081761-009B	081761-010B
Date Sampled		02/06/2006	02/06/2006	02/06/2006	02/06/2006	02/06/2006
Date Extracted		02/09/2006	02/09/2006	02/09/2006	02/09/2006	02/09/2006
Preparation Method						
Date Analyzed		02/10/2006	02/10/2006	02/10/2006	02/10/2006	02/10/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	ND	82.8	25.1	2.15	3.81

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	98	80-120								

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ANALYTICAL RESULTS

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Page: 4
Project ID: 081761
Project Name:

Job Number	Order Date	Client
28445	02/08/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164525	164526	164527	164528	164529
Sample ID		081761-011B	081761-012B	081761-013B	081761-014B	081761-015B
Date Sampled		02/06/2006	02/06/2006	02/06/2006	02/06/2006	02/06/2006
Date Extracted		02/09/2006	02/09/2006	02/09/2006	02/09/2006	02/09/2006
Preparation Method						
Date Analyzed		02/10/2006	02/10/2006	02/10/2006	02/10/2006	02/10/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	2.48	1.03	1.68	1.41	9.36

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	98	80-120								

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ANALYTICAL RESULTS

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Page: 5
Project ID: 081761
Project Name:

Job Number	Order Date	Client
28445	02/08/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164530	164531	164532	164533	164534
Sample ID		081761-016B	081761-017B	081761-018B	081761-019B	081761-020B
Date Sampled		02/06/2006	02/06/2006	02/06/2006	02/06/2006	02/06/2006
Date Extracted		02/09/2006	02/09/2006	02/09/2006	02/09/2006	02/09/2006
Preparation Method						
Date Analyzed		02/10/2006	02/10/2006	02/10/2006	02/10/2006	02/10/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	1.71	0.70	0.57	353	573

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	89	80-120								

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ANALYTICAL RESULTS

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Page: 6
Project ID: 081761
Project Name:

Job Number	Order Date	Client
28445	02/08/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164535	164536	164537	164538	164539
Sample ID		081761-021B	081761-022B	081761-023B	081761-024B	081761-025B
Date Sampled		02/06/2006	02/06/2006	02/06/2006	02/06/2006	02/06/2006
Date Extracted		02/09/2006	02/09/2006	02/09/2006	02/09/2006	02/09/2006
Preparation Method						
Date Analyzed		02/10/2006	02/10/2006	02/10/2006	02/10/2006	02/10/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Conventionals						
Chromium (VI)	0.500	3.34	5.74	4.67	39.6	ND

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	89	80-120								

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ANALYTICAL RESULTS

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Page: 7
Project ID: 081761
Project Name:

Job Number	Order Date	Client
28445	02/08/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164540	164541	164542	164543	164544
Sample ID		081761-026B	081761-027B	081761-028B	081761-029B	081761-030B
Date Sampled		02/06/2006	02/06/2006	02/06/2006	02/06/2006	02/06/2006
Date Extracted		02/09/2006	02/09/2006	02/09/2006	02/09/2006	02/09/2006
Preparation Method						
Date Analyzed		02/10/2006	02/10/2006	02/10/2006	02/10/2006	02/10/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	ND	ND	ND	ND	0.84

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	89	80-120								

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Project ID: 081761
Project Name:

Job Number	Order Date	Client
28445	02/08/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164545	164546	164547	164548	164549
Sample ID		081761-031B	081761-032B	081761-033B	081761-034B	081761-035B
Date Sampled		02/06/2006	02/06/2006	02/06/2006	02/06/2006	02/06/2006
Date Extracted		02/09/2006	02/09/2006	02/09/2006	02/09/2006	02/09/2006
Preparation Method						
Date Analyzed		02/10/2006	02/10/2006	02/10/2006	02/10/2006	02/10/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	1.17	2.70	3.91	0.98	2.20

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	97	80-120								

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ANALYTICAL RESULTS

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Page: 9
Project ID: 081761
Project Name:

Job Number	Order Date	Client
28445	02/08/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164550	164551	164552	164553	164554
Sample ID		081761-036B	081761-037B	081761-038B	081761-039B	081761-040B
Date Sampled		02/06/2006	02/06/2006	02/06/2006	02/06/2006	02/06/2006
Date Extracted		02/09/2006	02/09/2006	02/09/2006	02/09/2006	02/09/2006
Preparation Method						
Date Analyzed		02/10/2006	02/10/2006	02/10/2006	02/10/2006	02/10/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	1.71	ND	3.86	ND	ND

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	97	80-120								

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ANALYTICAL RESULTS

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Page: 10
Project ID: 081761
Project Name:

Job Number	Order Date	Client
28445	02/08/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164555	164556	164557	164558	164559
Sample ID		081761-041B	081761-042B	081761-043B	081761-044B	081761-045B
Date Sampled		02/06/2006	02/06/2006	02/06/2006	02/06/2006	02/06/2006
Date Extracted		02/09/2006	02/09/2006	02/09/2006	02/09/2006	02/09/2006
Preparation Method						
Date Analyzed		02/10/2006	02/10/2006	02/10/2006	02/10/2006	02/10/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	ND	ND	5.43	19.7	17.2

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	97	80-120								

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ANALYTICAL RESULTS

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Page: 11
Project ID: 081761
Project Name:

Job Number	Order Date	Client
28445	02/08/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164560	164561	164562	164563	164564
Sample ID		081761-046B	081761-047B	081761-048B	081761-049B	081761-050B
Date Sampled		02/06/2006	02/06/2006	02/06/2006	02/06/2006	02/06/2006
Date Extracted		02/09/2006	02/09/2006	02/09/2006	02/09/2006	02/09/2006
Preparation Method						
Date Analyzed		02/10/2006	02/10/2006	02/10/2006	02/10/2006	02/10/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Conventionals						
Chromium (VI)	0.500	ND	2.99	1.88	0.72	0.73

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	96	80-120								

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ANALYTICAL RESULTS

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Page: 12
Project ID: 081761
Project Name:

Job Number	Order Date	Client
28445	02/08/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164565	164566			
Sample ID		081761-051B	081761-052B			
Date Sampled		02/06/2006	02/06/2006			
Date Extracted		02/09/2006	02/09/2006			
Preparation Method						
Date Analyzed		02/10/2006	02/10/2006			
Matrix		Soil	Soil			
Units		mg/Kg	mg/Kg			
Detection Limit Multiplier		1	1			
Analytes	**PQL**	**Results**	**Results**			
Conventionals						
Chromium (VI)	0.500	1.10	1.01			

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	96	80-120								

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CHAIN-OF-CUSTODY RECORD

Subcontractor:

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Los Angeles, CA 90065

TEL: (323) 254-7700
FAX: (323) 254-7799

QClevel: **RTNE**

Acct #:

07-Feb-06

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: EPA 7199					
081761-001B \ B2-1	Soil	2/6/2006 9:00:00 AM	4OZG	1					
081761-002B \ B2-5	Soil	2/6/2006 9:05:00 AM	4OZG	1					
081761-003B \ B2-10	Soil	2/6/2006 9:15:00 AM	4OZG	1					
081761-004B \ B2-15	Soil	2/6/2006 9:20:00 AM	4OZG	1					
081761-005B \ B2-20	Soil	2/6/2006 9:30:00 AM	4OZG	1					
081761-006B \ B2-25	Soil	2/6/2006 9:40:00 AM	4OZG	1					
081761-007B \ B15-1	Soil	2/6/2006 9:55:00 AM	4OZG	1					
081761-008B \ B15-5	Soil	2/6/2006 9:58:00 AM	4OZG	1					
081761-009B \ B15-10	Soil	2/6/2006 10:05:00 AM	4OZG	1					
081761-010B \ B15-15	Soil	2/6/2006 10:15:00 AM	4OZG	1					
081761-011B \ B15-20	Soil	2/6/2006 10:15:00 AM	4OZG	1					
081761-012B \ B15-25	Soil	2/6/2006 10:20:00 AM	4OZG	1					

Comments: Please use PO#: SC00338 Please fax results by: Normal TAT
Send report to Rachelle Arada

	Date/Time		Date/Time
Relinquished by:	2/7/06 170	**Received by:**	
Relinquished by:		**Received by:**	

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CHAIN-OF-CUSTODY RECORD

Subcontractor:

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Los Angeles, CA 90065

TEL: (323) 254-7700
FAX: (323) 254-7799

QClevel: **RTNE**

Acct #:

07-Feb-06

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: EPA 7199					
081761-013B \ B18-1	Soil	2/6/2006 10:30:00 AM	4OZG	1					
081761-014B \ B18-5	Soil	2/6/2006 10:35:00 AM	4OZG	1					
081761-015B \ B18-10	Soil	2/6/2006 10:40:00 AM	4OZG	1					
081761-016B \ B18-15	Soil	2/6/2006 10:45:00 AM	4OZG	1					
081761-017B \ B18-20	Soil	2/6/2006 10:50:00 AM	4OZG	1					
081761-018B \ B18-25	Soil	2/6/2006 11:00:00 AM	4OZG	1					
081761-019B \ B16-1	Soil	2/6/2006 11:10:00 AM	4OZG	1					
081761-020B \ B16-5	Soil	2/6/2006 11:12:00 AM	4OZG	1					
081761-021B \ B16-10	Soil	2/6/2006 11:15:00 AM	4OZG	1					
081761-022B \ B16-15	Soil	2/6/2006 11:20:00 AM	4OZG	1					
081761-023B \ B16-20	Soil	2/6/2006 11:25:00 AM	4OZG	1					
081761-024B \ B16-25	Soil	2/6/2006 11:30:00 AM	4OZG	1					

Comments: Please use PO#: SC00338 Please fax results by: Normal TAT
Send report to Rachelle Arada

	Date/Time		Date/Time
Relinquished by:	2/7/06 1700	**Received by:**	
Relinquished by:		**Received by:**	

Advanced Technology Laboratorie
3275 Walnut Avenue
Signal Hill, CA 90755-5225
(562) 989-4045

CHAIN-OF-CUSTODY RECORD

Subcontractor:
American Scientific Laboratory
2520 N. San Fernando Rd.
Los Angeles, CA 90065

TEL: (323) 254-7700
FAX: (323) 254-7799

Acct #:

QClevel: **RTNE**

07-Feb-06

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: EPA 7199					
081761-025B \ B17-1	Soil	2/6/2006 11:50:00 AM	4OZG	1					
081761-026B \ B17-5	Soil	2/6/2006 12:00:00 PM	4OZG	1					
081761-027B \ B17-10	Soil	2/6/2006 12:05:00 PM	4OZG	1					
081761-028B \ B17-15	Soil	2/6/2006 12:10:00 PM	4OZG	1					
081761-029B \ B17-20	Soil	2/6/2006 12:15:00 PM	4OZG	1					
081761-030B \ B17-25	Soil	2/6/2006 12:30:00 PM	4OZG	1					
081761-031B \ B14-1	Soil	2/6/2006 1:15:00 PM	4OZG	1					
081761-032B \ B14-5	Soil	2/6/2006 1:20:00 PM	4OZG	1					
081761-033B \ B14-10	Soil	2/6/2006 1:35:00 PM	4OZG	1					
081761-034B \ B14-15	Soil	2/6/2006 1:30:00 PM	4OZG	1					
081761-035B \ B14-20	Soil	2/6/2006 1:35:00 PM	4OZG	1					
081761-036B \ B14-25	Soil	2/6/2006 1:40:00 PM	4OZG	1					

Comments: Please use PO#: SC00338 Please fax results by: Normal TAT
Send report to Rachelle Arada

		Date/Time		Date/Time
Relinquished by:		2/7/06 1700	**Received by:**	
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Acct #:

QClevel: **RTNE**

07-Feb-06

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: EPA 7199					
081761-037B \ B5-1	Soil	2/6/2006 2:03:00 PM	4OZG	1					
081761-038B \ B5-5	Soil	2/6/2006 2:08:00 PM	4OZG	1					
081761-039B \ B5-10	Soil	2/6/2006 2:05:00 PM	4OZG	1					
081761-040B \ B5-15	Soil	2/6/2006 2:10:00 PM	4OZG	1					
081761-041B \ B5-20	Soil	2/6/2006 2:15:00 PM	4OZG	1					
081761-042B \ B5-25	Soil	2/6/2006 10:25:00 AM	4OZG	1					
081761-043B \ MW3-1	Soil	2/6/2006 10:45:00 AM	4OZG	1					
081761-044B \ MW3-5	Soil	2/6/2006 10:55:00 AM	4OZG	1					
081761-045B \ MW3-10	Soil	2/6/2006 11:00:00 AM	4OZG	1					
081761-046B \ MW3-15	Soil	2/6/2006 11:08:00 AM	4OZG	1					
081761-047B \ MW3-20	Soil	2/6/2006 11:30:00 AM	4OZG	1					
081761-048B \ MW3-25	Soil	2/6/2006 11:40:00 AM	4OZG	1					

Comments: Please use PO#: SC00338 Please fax results by: Normal TAT
Send report to Rachelle Arada

	Date/Time		Date/Time
Relinquished by:	2/7/06 1700	**Received by:**	
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3275 Walnut Avenue
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2520 N. San Fernando Rd.
Los Angeles, CA 90065

TEL: (323) 254-7700
FAX: (323) 254-7799

QClevel: **RTNE**

Acct #:

07-Feb-06

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: EPA 7199					
081761-049B \ MW3-30	Soil	2/6/2006 11:50:00 PM	4OZG	1					
081761-050B \ MW3-35	Soil	2/6/2006 12:10:00 PM	4OZG	1					
081761-051B \ MW3-40	Soil	2/6/2006 1:30:00 PM	4OZG	1					
081761-052B \ MW3-45	Soil	2/6/2006 1:45:00 PM	4OZG	1					

Comments: Please use PO#: SC00338 Please fax results by: Normal TAT
Send report to Rachelle Arada

	Date/Time		Date/Time
Relinquished by:	2/7/06 1700	**Received by:**	
Relinquished by:		**Received by:**	

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT: Ceres Associates
Project: Excello Plating, SC592-1
Lab Order: 081797

CASE NARRATIVE

The samples for EPA 7199 (Hexavalent Chromium) were subcontracted to American Scientific Laboratories, Inc. with ELAP Cert 2200.

Analytical Comments for EPA 8260

Results were J-Flag per your request. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-2'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 10:30:00 AM
Lab ID:	081797-001A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060214C	QC Batch: 26688			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 6:53:52 PM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
Barium	72	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
Chromium	7.7	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
Cobalt	6.7	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
Copper	9.1	2.0		mg/Kg	1	2/14/2006 6:53:52 PM
Lead	2.6	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
Nickel	5.1	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
Silver	ND	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
Vanadium	25	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
Zinc	33	1.0		mg/Kg	1	2/14/2006 6:53:52 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	0.11	0.10		mg/Kg	1	2/10/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/22/2006 1:30:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060209C	QC Batch: R59075			PrepDate:		Analyst: **MJM**
pH	7.0	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-5'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 10:40:00 AM
Lab ID:	081797-002A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060214C	QC Batch: 26688			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 7:01:01 PM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
Barium	130	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
Chromium	15	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
Cobalt	11	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
Copper	17	2.0		mg/Kg	1	2/14/2006 7:01:01 PM
Lead	5.4	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
Nickel	9.0	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
Silver	ND	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
Vanadium	44	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
Zinc	53	1.0		mg/Kg	1	2/14/2006 7:01:01 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209C	QC Batch: R59075			PrepDate:		Analyst: **MJM**
pH	7.4	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-10'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 10:48:00 AM
Lab ID:	081797-003A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060214C	QC Batch: 26688			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 7:07:54 PM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
Barium	37	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
Chromium	5.4	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
Cobalt	3.8	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
Copper	4.7	2.0		mg/Kg	1	2/14/2006 7:07:54 PM
Lead	1.5	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
Nickel	2.9	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
Silver	ND	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
Vanadium	15	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
Zinc	16	1.0		mg/Kg	1	2/14/2006 7:07:54 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209C	QC Batch: R59075			PrepDate:		Analyst: **MJM**
pH	7.1	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-15'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 10:58:00 AM
Lab ID:	081797-004A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060214C	QC Batch: 26688			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 7:28:16 PM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
Barium	37	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
Chromium	5.9	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
Cobalt	3.3	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
Copper	5.1	2.0		mg/Kg	1	2/14/2006 7:28:16 PM
Lead	1.6	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
Nickel	2.8	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
Silver	ND	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
Vanadium	15	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
Zinc	18	1.0		mg/Kg	1	2/14/2006 7:28:16 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209C	QC Batch: R59075			PrepDate:		Analyst: **MJM**
pH	7.2	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-20'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 11:05:00 AM
Lab ID:	081797-005A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060214C	QC Batch: 26688			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 7:35:02 PM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
Barium	42	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
Chromium	5.6	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
Cobalt	3.9	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
Copper	5.4	2.0		mg/Kg	1	2/14/2006 7:35:02 PM
Lead	1.6	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
Nickel	3.0	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
Silver	ND	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
Vanadium	21	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
Zinc	18	1.0		mg/Kg	1	2/14/2006 7:35:02 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/22/2006 2:17:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060209C	QC Batch: R59075			PrepDate:		Analyst: **MJM**
pH	6.8	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-25'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 12:05:00 PM
Lab ID:	081797-006A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060214C	QC Batch: 26688			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 7:41:48 PM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
Barium	43	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
Chromium	6.6	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
Cobalt	3.5	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
Copper	5.2	2.0		mg/Kg	1	2/14/2006 7:41:48 PM
Lead	1.7	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
Nickel	3.0	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
Silver	ND	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
Vanadium	16	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
Zinc	18	1.0		mg/Kg	1	2/14/2006 7:41:48 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209C	QC Batch: R59075			PrepDate:		Analyst: **MJM**
pH	7.1	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-30'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 12:15:00 PM
Lab ID:	081797-007A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060214C	QC Batch: 26688			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 7:48:32 PM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
Barium	34	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
Chromium	4.6	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
Cobalt	2.8	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
Copper	4.4	2.0		mg/Kg	1	2/14/2006 7:48:32 PM
Lead	1.3	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
Nickel	2.1	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
Silver	ND	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
Vanadium	17	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
Zinc	14	1.0		mg/Kg	1	2/14/2006 7:48:32 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209C	QC Batch: R59075			PrepDate:		Analyst: **MJM**
pH	7.4	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-35'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 12:30:00 PM
Lab ID:	081797-008A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060214C	QC Batch: 26688			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 7:55:27 PM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
Barium	55	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
Chromium	5.0	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
Cobalt	3.3	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
Copper	4.5	2.0		mg/Kg	1	2/14/2006 7:55:27 PM
Lead	2.0	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
Nickel	2.3	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
Silver	ND	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
Vanadium	15	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
Zinc	19	1.0		mg/Kg	1	2/14/2006 7:55:27 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209C	QC Batch: R59075			PrepDate:		Analyst: **MJM**
pH	7.3	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-40'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 12:55:00 PM
Lab ID:	081797-009A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060214C	QC Batch: 26688			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 8:02:16 PM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
Barium	56	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
Chromium	11	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
Cobalt	4.2	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
Copper	7.0	2.0		mg/Kg	1	2/14/2006 8:02:16 PM
Lead	2.3	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
Nickel	3.5	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
Silver	ND	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
Vanadium	19	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
Zinc	24	1.0		mg/Kg	1	2/14/2006 8:02:16 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209C	QC Batch: R59075			PrepDate:		Analyst: **MJM**
pH	7.2	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-45'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 1:10:00 PM
Lab ID:	081797-010A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060214C	QC Batch: 26688			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 8:09:02 PM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
Barium	62	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
Chromium	7.7	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
Cobalt	4.2	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
Copper	7.1	2.0		mg/Kg	1	2/14/2006 8:09:02 PM
Lead	2.2	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
Nickel	3.5	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
Silver	ND	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
Vanadium	18	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
Zinc	22	1.0		mg/Kg	1	2/14/2006 8:09:02 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/22/2006 2:51:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060209C	QC Batch: R59075			PrepDate:		Analyst: **MJM**
pH	7.3	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-2'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 10:30:00 AM
Lab ID:	081797-001A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060210B** QC Batch: **R06VS042** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/11/2006 1:27:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/11/2006 1:27:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-2'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 10:30:00 AM
Lab ID:	081797-001A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060210B**	QC Batch: **R06VS042**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/11/2006 1:27:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/11/2006 1:27:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/11/2006 1:27:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-5'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 10:40:00 AM
Lab ID:	081797-002A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060210B** QC Batch: **R06VS042** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/11/2006 6:42:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/11/2006 6:42:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-5'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 10:40:00 AM
Lab ID:	081797-002A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060210B**	QC Batch: **R06VS042**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/11/2006 6:42:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/11/2006 6:42:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/11/2006 6:42:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-10'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 10:48:00 AM
Lab ID:	081797-003A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060210B** QC Batch: **R06VS042** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/11/2006 7:10:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/11/2006 7:10:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-10'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 10:48:00 AM
Lab ID:	081797-003A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060210B**	QC Batch: **R06VS042**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/11/2006 7:10:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/11/2006 7:10:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/11/2006 7:10:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-15'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 10:58:00 AM
Lab ID:	081797-004A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060213C** QC Batch: **R06VS044** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/14/2006 7:21:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/14/2006 7:21:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-15'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 10:58:00 AM
Lab ID:	081797-004A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060213C**	QC Batch: **R06VS044**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/14/2006 7:21:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/14/2006 7:21:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:21:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-20'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 11:05:00 AM
Lab ID:	081797-005A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060213C**	QC Batch: **R06VS044**				PrepDate:		Analyst: **EA**
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/14/2006 7:51:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/14/2006 7:51:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-20'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 11:05:00 AM
Lab ID:	081797-005A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060213C**	QC Batch: **R06VS044**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/14/2006 7:51:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/14/2006 7:51:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:51:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-25'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 12:05:00 PM
Lab ID:	081797-006A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060213C** QC Batch: **R06VS044** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/14/2006 8:20:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/14/2006 8:20:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-25'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 12:05:00 PM
Lab ID:	081797-006A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060213C**	QC Batch: **R06VS044**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/14/2006 8:20:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/14/2006 8:20:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/14/2006 8:20:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-30'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 12:15:00 PM
Lab ID:	081797-007A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060213C** QC Batch: **R06VS044** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/14/2006 8:50:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/14/2006 8:50:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-30'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 12:15:00 PM
Lab ID:	081797-007A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060213C**	QC Batch: **R06VS044**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/14/2006 8:50:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/14/2006 8:50:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/14/2006 8:50:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-35'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 12:30:00 PM
Lab ID:	081797-008A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060213C** QC Batch: **R06VS044** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/14/2006 9:21:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/14/2006 9:21:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-35'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 12:30:00 PM
Lab ID:	081797-008A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060213C**	QC Batch: **R06VS044**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/14/2006 9:21:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/14/2006 9:21:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/14/2006 9:21:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-40'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 12:55:00 PM
Lab ID:	081797-009A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060214A** QC Batch: **R06VS045** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,2,4-Trimethylbenzene	2.9	2.9	5.0	J	µg/Kg	1	2/14/2006 7:29:00 PM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/14/2006 7:29:00 PM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Benzene	ND	0.34	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/14/2006 7:29:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-40'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 12:55:00 PM
Lab ID:	081797-009A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060214A**	QC Batch: **R06VS045**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Ethylbenzene	1.5	0.57	5.0	J	µg/Kg	1	2/14/2006 7:29:00 PM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
m,p-Xylene	6.5	1.1	10	J	µg/Kg	1	2/14/2006 7:29:00 PM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Naphthalene	2.6	2.4	5.0	J	µg/Kg	1	2/14/2006 7:29:00 PM
o-Xylene	2.2	0.45	5.0	J	µg/Kg	1	2/14/2006 7:29:00 PM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Styrene	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Toluene	1.9	0.30	5.0	J	µg/Kg	1	2/14/2006 7:29:00 PM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/14/2006 7:29:00 PM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:29:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-45'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 1:10:00 PM
Lab ID:	081797-010A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060214A** QC Batch: **R06VS045** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/14/2006 7:57:00 PM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Benzene	ND	0.34	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/14/2006 7:57:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1-45'
Lab Order:	081797	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/8/2006 1:10:00 PM
Lab ID:	081797-010A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060214A**	QC Batch: **R06VS045**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
m,p-Xylene	4.0	1.1	10	J	µg/Kg	1	2/14/2006 7:57:00 PM
Methylene chloride	2.0	1.9	5.0	J	µg/Kg	1	2/14/2006 7:57:00 PM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
o-Xylene	1.2	0.45	5.0	J	µg/Kg	1	2/14/2006 7:57:00 PM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Styrene	ND	2.6	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Toluene	1.8	0.30	5.0	J	µg/Kg	1	2/14/2006 7:57:00 PM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/14/2006 7:57:00 PM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/14/2006 7:57:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

Ordered By

Advanced Technology Laboratories
3275 Walnut Ave.
Signal Hill, CA 90807

Telephone (562)989-4045
Attn Rachelle Arada

Number of Pages 3
Date Received 02/09/2006
Date Reported 02/16/2006

Job Number	Ordered	Client
28459	02/09/2006	ATL

Project ID: 081797
Project Name:

Enclosed are the results of analyses on 10 samples analyzed as specified on attached chain of custody.

Amolk MOLKY Brar
Laboratory Manager

Rojert G. Araghi
Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:
1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

AMERICAN SCIENTIFIC LABORATORIES, LLC
2530 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9909

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Wallnut Ave.
Signal Hill, CA 90807-

Telephone: (562)989-4045
Attn: Rachelle Arada

Page: 2
Project ID: 081797
Project Name:

Job Number	Order Date	Client
28459	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164645	164646	164647	164648	164649
Sample ID		081797-001B	081797-002B	081797-003B	081797-004B	081797-005B
Date Sampled		02/08/2006	02/08/2006	02/08/2006	02/08/2006	02/08/2006
Date Extracted		02/12/2006	02/12/2006	02/12/2006	02/12/2006	02/12/2006
Preparation Method						
Date Analyzed		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	ND	1.01	ND	ND	ND

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	82	80-120								

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9200 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Wallnut Ave.
Signal Hill, CA 90807-

Telephone: (562)989-4045
Attn: Rachelle Arada

Page: 3
Project ID: 081797
Project Name:

Job Number	Order Date	Client
28459	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164650	164651	164652	164653	164654
Sample ID		081797-006B	081797-007B	081797-008B	081797-009B	081797-010B
Date Sampled		02/08/2006	02/08/2006	02/08/2006	02/08/2006	02/08/2006
Date Extracted		02/12/2006	02/12/2006	02/12/2006	02/12/2006	02/12/2006
Preparation Method						
Date Analyzed		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	ND	ND	ND	ND	ND

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	82	80-120								

Advanced Technology Laboratorie
3275 Walnut Avenue
Signal Hill, CA 90755-5225
(562) 989-4045

CHAIN-OF-CUSTODY RECORD

Subcontractor:
American Scientific Laboratory
2520 N. San Fernando Rd.
Los Angeles, CA 90065

TEL: (323) 254-7700
FAX: (323) 254-7799

Acct #:

QClevel: **RTNE**

08-Feb-06

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: EPA 7199					
081797-001B \ MW1-2'	Soil	2/8/2006 10:30:00 AM	4OZG	1					
081797-002B \ MW1-5'	Soil	2/8/2006 10:40:00 AM	4OZG	1					
081797-003B \ MW1-10'	Soil	2/8/2006 10:48:00 AM	4OZG	1					
081797-004B \ MW1-15'	Soil	2/8/2006 10:58:00 AM	4OZG	1					
081797-005B \ MW1-20'	Soil	2/8/2006 11:05:00 AM	4OZG	1					
081797-006B \ MW1-25'	Soil	2/8/2006 12:05:00 PM	4OZG	1					
081797-007B \ MW1-30'	Soil	2/8/2006 12:15:00 PM	4OZG	1					
081797-008B \ MW1-35'	Soil	2/8/2006 12:30:00 PM	4OZG	1					
081797-009B \ MW1-40'	Soil	2/8/2006 12:55:00 PM	4OZG	1					
081797-010B \ MW1-45'	Soil	2/8/2006 1:10:00 PM	4OZG	1					

Comments: Please use PO#: SC00345 Please fax results. Normal TAT.
Send report to Rachelle Arada.

	Date/Time		Date/Time
Relinquished by: BMAlpante	020806/1920	**Received by:**	
Relinquished by:		**Received by:**	

CLIENT: Ceres Associates
Project: Excello Plating, SC592-1
Lab Order: 082118

CASE NARRATIVE

The samples for EPA 7199 (Hexavalent Chromium) were subcontracted to American Scientific Laboratories, Inc. with ELAP Cert 2200.

Advanced Technology Laboratories

Date: *08-Mar-06*

CLIENT: Ceres Associates
Lab Order: 082118
Project: Excello Plating, SC592-1
Lab ID: 082118-001

Client Sample ID: MW1
Collection Date: 2/23/2006 2:16:00 PM
Matrix: GROUND WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP5_060224A	QC Batch: 26841			PrepDate:	2/24/2006	Analyst: **RQ**
Antimony	ND	0.0050		mg/L	1	2/24/2006 6:32:56 PM
Arsenic	ND	0.010		mg/L	1	2/24/2006 6:32:56 PM
Barium	0.10	0.0030		mg/L	1	2/24/2006 6:32:56 PM
Beryllium	ND	0.0030		mg/L	1	2/24/2006 6:32:56 PM
Cadmium	ND	0.0030		mg/L	1	2/24/2006 6:32:56 PM
Chromium	0.087	0.0030		mg/L	1	2/24/2006 6:32:56 PM
Cobalt	ND	0.0030		mg/L	1	2/24/2006 6:32:56 PM
Copper	ND	0.0050		mg/L	1	2/24/2006 6:32:56 PM
Lead	ND	0.0050		mg/L	1	2/24/2006 6:32:56 PM
Molybdenum	0.0089	0.0050		mg/L	1	2/24/2006 6:32:56 PM
Nickel	0.0063	0.0050		mg/L	1	2/24/2006 6:32:56 PM
Selenium	0.14	0.010		mg/L	1	2/24/2006 6:32:56 PM
Silver	ND	0.0030		mg/L	1	2/24/2006 6:32:56 PM
Thallium	0.025	0.015		mg/L	1	2/24/2006 6:32:56 PM
Vanadium	0.0045	0.0030		mg/L	1	2/24/2006 6:32:56 PM
Zinc	0.015	0.010		mg/L	1	2/24/2006 6:32:56 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060227D	QC Batch: 26875			PrepDate:	2/27/2006	Analyst: **RSJ**
Cyanide	ND	0.010		mg/L	1	2/27/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7470			**EPA 7470A**		
RunID: AA5_060224C	QC Batch: 26840			PrepDate:	2/24/2006	Analyst: **NS**
Mercury	ND	0.20		µg/L	1	2/24/2006
1,4-DIOXANE BY GC/MS: ISOTOPE DILUTION TECHNIQUE						
	EPA 3510C			**EPA 8270C(M)**		
RunID: MS6_060301B	QC Batch: 26902			PrepDate:	3/1/2006	Analyst: **MFR**
1,4-Dioxane	3.6	2.0		µg/L	1	3/1/2006 7:04:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS2_060301A	QC Batch: Q06VW036			PrepDate:		Analyst: **HH**
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *08-Mar-06*

CLIENT: Ceres Associates
Lab Order: 082118
Project: Excello Plating, SC592-1
Lab ID: 082118-001

Client Sample ID: MW1
Collection Date: 2/23/2006 2:16:00 PM
Matrix: GROUND WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS2_060301A	QC Batch: Q06VW036			PrepDate:		Analyst: **HH**
1,1-Dichloroethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,1-Dichloroethene	6.7	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
2-Chlorotoluene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
4-Chlorotoluene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Benzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Bromobenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Bromodichloromethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Bromoform	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Bromomethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Carbon tetrachloride	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Chlorobenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Chloroethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Chloroform	2.2	0.50		µg/L	1	3/1/2006 8:38:00 PM
Chloromethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Dibromochloromethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Dibromomethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Ethylbenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Isopropylbenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *08-Mar-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW1
Lab Order:	082118	**Collection Date:**	2/23/2006 2:16:00 PM
Project:	Excello Plating, SC592-1		
Lab ID:	082118-001	**Matrix:**	GROUND WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS2_060301A	QC Batch:	Q06VW036			PrepDate:	Analyst: **HH**
m,p-Xylene	ND	1.0		µg/L	1	3/1/2006 8:38:00 PM
Methylene chloride	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
n-Butylbenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
n-Propylbenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Naphthalene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
o-Xylene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
sec-Butylbenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Styrene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
tert-Butylbenzene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Tetrachloroethene	51	0.50		µg/L	1	3/1/2006 8:38:00 PM
Toluene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Trichloroethene	130	10		µg/L	20	3/2/2006 5:31:00 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
Vinyl chloride	ND	0.50		µg/L	1	3/1/2006 8:38:00 PM
1,2,3 TRICHLOROPROPANE BY GCMS 8260 SIM						
				EPA 8260B		
RunID: MS2_060302A	QC Batch:	Q06VW037			PrepDate:	Analyst: **HH**
1,2,3-Trichloropropane	ND	5.0		ng/L	1	3/2/2006 12:29:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *08-Mar-06*

CLIENT: Ceres Associates
Lab Order: 082118
Project: Excello Plating, SC592-1
Lab ID: 082118-002

Client Sample ID: MW2
Collection Date: 2/23/2006 2:45:00 PM
Matrix: GROUND WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP5_060224A	QC Batch: 26841			PrepDate:	2/24/2006	Analyst: **RQ**
Antimony	ND	0.0050		mg/L	1	2/24/2006 6:40:52 PM
Arsenic	ND	0.010		mg/L	1	2/24/2006 6:40:52 PM
Barium	0.19	0.0030		mg/L	1	2/24/2006 6:40:52 PM
Beryllium	ND	0.0030		mg/L	1	2/24/2006 6:40:52 PM
Cadmium	0.0052	0.0030		mg/L	1	2/24/2006 6:40:52 PM
Chromium	0.24	0.0030		mg/L	1	2/24/2006 6:40:52 PM
Cobalt	0.0067	0.0030		mg/L	1	2/24/2006 6:40:52 PM
Copper	0.033	0.0050		mg/L	1	2/24/2006 6:40:52 PM
Lead	0.0070	0.0050		mg/L	1	2/24/2006 6:40:52 PM
Molybdenum	ND	0.0050		mg/L	1	2/24/2006 6:40:52 PM
Nickel	0.015	0.0050		mg/L	1	2/24/2006 6:40:52 PM
Selenium	0.15	0.010		mg/L	1	2/24/2006 6:40:52 PM
Silver	ND	0.0030		mg/L	1	2/24/2006 6:40:52 PM
Thallium	ND	0.015		mg/L	1	2/24/2006 6:40:52 PM
Vanadium	0.025	0.0030		mg/L	1	2/24/2006 6:40:52 PM
Zinc	0.10	0.010		mg/L	1	2/24/2006 6:40:52 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060227D	QC Batch: 26875			PrepDate:	2/27/2006	Analyst: **RSJ**
Cyanide	ND	0.010		mg/L	1	2/27/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7470			**EPA 7470A**		
RunID: AA5_060224C	QC Batch: 26840			PrepDate:	2/24/2006	Analyst: **NS**
Mercury	ND	0.20		µg/L	1	2/24/2006
1,4-DIOXANE BY GC/MS: ISOTOPE DILUTION TECHNIQUE						
	EPA 3510C			**EPA 8270C(M)**		
RunID: MS6_060301B	QC Batch: 26902			PrepDate:	3/1/2006	Analyst: **MFR**
1,4-Dioxane	4.9	2.0		µg/L	1	3/1/2006 7:36:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS2_060301A	QC Batch: Q06VW036			PrepDate:		Analyst: **HH**
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *08-Mar-06*

CLIENT: Ceres Associates
Lab Order: 082118
Project: Excello Plating, SC592-1
Lab ID: 082118-002

Client Sample ID: MW2
Collection Date: 2/23/2006 2:45:00 PM
Matrix: GROUND WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS2_060301A	QC Batch: Q06VW036			PrepDate:		Analyst: **HH**
1,1-Dichloroethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,1-Dichloroethene	8.6	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
2-Chlorotoluene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
4-Chlorotoluene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Benzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Bromobenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Bromodichloromethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Bromoform	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Bromomethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Carbon tetrachloride	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Chlorobenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Chloroethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Chloroform	1.8	0.50		µg/L	1	3/1/2006 9:06:00 PM
Chloromethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Dibromochloromethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Dibromomethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Ethylbenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Isopropylbenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *08-Mar-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2
Lab Order:	082118	**Collection Date:**	2/23/2006 2:45:00 PM
Project:	Excello Plating, SC592-1		
Lab ID:	082118-002	**Matrix:**	GROUND WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS2_060301A	QC Batch:	Q06VW036			PrepDate:	Analyst: **HH**
m,p-Xylene	ND	1.0		µg/L	1	3/1/2006 9:06:00 PM
Methylene chloride	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
n-Butylbenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
n-Propylbenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Naphthalene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
o-Xylene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
sec-Butylbenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Styrene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
tert-Butylbenzene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Tetrachloroethene	86	0.50		µg/L	1	3/1/2006 9:06:00 PM
Toluene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Trichloroethene	180	10		µg/L	20	3/2/2006 5:58:00 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
Vinyl chloride	ND	0.50		µg/L	1	3/1/2006 9:06:00 PM
1,2,3 TRICHLOROPROPANE BY GCMS 8260 SIM						
				EPA 8260B		
RunID: MS2_060302A	QC Batch:	Q06VW037			PrepDate:	Analyst: **HH**
1,2,3-Trichloropropane	ND	5.0		ng/L	1	3/2/2006 12:56:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *08-Mar-06*

CLIENT: Ceres Associates
Lab Order: 082118
Project: Excello Plating, SC592-1
Lab ID: 082118-004

Client Sample ID: MW3
Collection Date: 2/23/2006 3:17:00 PM
Matrix: GROUND WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP5_060224A	QC Batch: 26841			PrepDate:	2/24/2006	Analyst: **RQ**
Antimony	ND	0.0050		mg/L	1	2/24/2006 6:48:42 PM
Arsenic	ND	0.010		mg/L	1	2/24/2006 6:48:42 PM
Barium	0.31	0.0030		mg/L	1	2/24/2006 6:48:42 PM
Beryllium	ND	0.0030		mg/L	1	2/24/2006 6:48:42 PM
Cadmium	ND	0.0030		mg/L	1	2/24/2006 6:48:42 PM
Chromium	0.26	0.0030		mg/L	1	2/24/2006 6:48:42 PM
Cobalt	0.013	0.0030		mg/L	1	2/24/2006 6:48:42 PM
Copper	0.023	0.0050		mg/L	1	2/24/2006 6:48:42 PM
Lead	0.0068	0.0050		mg/L	1	2/24/2006 6:48:42 PM
Molybdenum	ND	0.0050		mg/L	1	2/24/2006 6:48:42 PM
Nickel	0.015	0.0050		mg/L	1	2/24/2006 6:48:42 PM
Selenium	0.12	0.010		mg/L	1	2/24/2006 6:48:42 PM
Silver	ND	0.0030		mg/L	1	2/24/2006 6:48:42 PM
Thallium	ND	0.015		mg/L	1	2/24/2006 6:48:42 PM
Vanadium	0.050	0.0030		mg/L	1	2/24/2006 6:48:42 PM
Zinc	0.080	0.010		mg/L	1	2/24/2006 6:48:42 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060227D	QC Batch: 26875			PrepDate:	2/27/2006	Analyst: **RSJ**
Cyanide	ND	0.010		mg/L	1	2/27/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7470			**EPA 7470A**		
RunID: AA5_060224C	QC Batch: 26840			PrepDate:	2/24/2006	Analyst: **NS**
Mercury	ND	0.20		µg/L	1	2/24/2006
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS2_060301A	QC Batch: Q06VW036			PrepDate:		Analyst: **HH**
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,1,1-Trichloroethane	0.65	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,1-Dichloroethane	0.53	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,1-Dichloroethene	11	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *08-Mar-06*

CLIENT: Ceres Associates
Lab Order: 082118
Project: Excello Plating, SC592-1
Lab ID: 082118-004

Client Sample ID: MW3
Collection Date: 2/23/2006 3:17:00 PM
Matrix: GROUND WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS2_060301A	QC Batch: Q06VW036			PrepDate:		Analyst: **HH**
1,2,3-Trichloropropane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
2-Chlorotoluene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
4-Chlorotoluene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Benzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Bromobenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Bromodichloromethane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Bromoform	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Bromomethane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Carbon tetrachloride	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Chlorobenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Chloroethane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Chloroform	2.0	0.50		µg/L	1	3/1/2006 9:34:00 PM
Chloromethane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Dibromochloromethane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Dibromomethane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Ethylbenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Isopropylbenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
m,p-Xylene	ND	1.0		µg/L	1	3/1/2006 9:34:00 PM
Methylene chloride	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
n-Butylbenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
n-Propylbenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *08-Mar-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW3
Lab Order:	082118	**Collection Date:**	2/23/2006 3:17:00 PM
Project:	Excello Plating, SC592-1		
Lab ID:	082118-004	**Matrix:**	GROUND WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS2_060301A	QC Batch: Q06VW036			PrepDate:		Analyst: **HH**
Naphthalene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
o-Xylene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
sec-Butylbenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Styrene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
tert-Butylbenzene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Tetrachloroethene	100	10		µg/L	20	3/2/2006 6:26:00 PM
Toluene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Trichloroethene	200	10		µg/L	20	3/2/2006 6:26:00 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
Vinyl chloride	ND	0.50		µg/L	1	3/1/2006 9:34:00 PM
1,2,3 TRICHLOROPROPANE BY GCMS 8260 SIM						
				EPA 8260B		
RunID: MS2_060302A	QC Batch: Q06VW037			PrepDate:		Analyst: **HH**
1,2,3-Trichloropropane	ND	5.0		ng/L	1	3/2/2006 1:23:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *08-Mar-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	Trip Blank
Lab Order:	082118	**Collection Date:**	2/23/2006 3:25:00 PM
Project:	Excello Plating, SC592-1		
Lab ID:	082118-006	**Matrix:**	GROUND WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS2_060302B	QC Batch: Q06VW038			PrepDate:		Analyst: **HH**
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
2-Chlorotoluene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
4-Chlorotoluene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Benzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Bromobenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Bromodichloromethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Bromoform	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Bromomethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Carbon tetrachloride	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Chlorobenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Chloroethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Chloroform	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Chloromethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Dibromochloromethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Dibromomethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *08-Mar-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	Trip Blank
Lab Order:	082118	**Collection Date:**	2/23/2006 3:25:00 PM
Project:	Excello Plating, SC592-1		
Lab ID:	082118-006	**Matrix:**	GROUND WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS2_060302B	QC Batch: Q06VW038			PrepDate:		Analyst: **HH**
Dichlorodifluoromethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Ethylbenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Isopropylbenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
m,p-Xylene	ND	1.0		µg/L	1	3/2/2006 6:53:00 PM
Methylene chloride	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
n-Butylbenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
n-Propylbenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Naphthalene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
o-Xylene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
sec-Butylbenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Styrene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
tert-Butylbenzene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Tetrachloroethene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Toluene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Trichloroethene	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM
Vinyl chloride	ND	0.50		µg/L	1	3/2/2006 6:53:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *08-Mar-06*

CLIENT: Ceres Associates
Lab Order: 082118
Project: Excello Plating, SC592-1
Lab ID: 082118-007

Client Sample ID: Equipment Blank
Collection Date: 2/23/2006 3:30:00 PM
Matrix: GROUND WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS2_060302B	QC Batch: Q06VW038			PrepDate:		Analyst: **HH**
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
2-Chlorotoluene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
4-Chlorotoluene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Benzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Bromobenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Bromodichloromethane	14	0.50		µg/L	1	3/2/2006 7:21:00 PM
Bromoform	1.4	0.50		µg/L	1	3/2/2006 7:21:00 PM
Bromomethane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Carbon tetrachloride	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Chlorobenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Chloroethane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Chloroform	16	0.50		µg/L	1	3/2/2006 7:21:00 PM
Chloromethane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Dibromochloromethane	7.6	0.50		µg/L	1	3/2/2006 7:21:00 PM
Dibromomethane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *08-Mar-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	Equipment Blank
Lab Order:	082118	**Collection Date:**	2/23/2006 3:30:00 PM
Project:	Excello Plating, SC592-1		
Lab ID:	082118-007	**Matrix:**	GROUND WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS2_060302B	QC Batch: Q06VW038			PrepDate:		Analyst: **HH**
Dichlorodifluoromethane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Ethylbenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Isopropylbenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
m,p-Xylene	ND	1.0		µg/L	1	3/2/2006 7:21:00 PM
Methylene chloride	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
n-Butylbenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
n-Propylbenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Naphthalene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
o-Xylene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
sec-Butylbenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Styrene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
tert-Butylbenzene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Tetrachloroethene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Toluene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Trichloroethene	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM
Vinyl chloride	ND	0.50		µg/L	1	3/2/2006 7:21:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

Ordered By

Advanced Technology Laboratories
3275 Wallnut Ave.
Signal Hill, CA 90807-

Telephone (562)989-4045
Attn Rachelle Arada

Number of Pages 2
Date Received 02/24/2006
Date Reported 03/03/2006

Job Number	Ordered	Client
28623	02/24/2006	ATL

Project ID: 082118
Project Name:

Enclosed are the results of analyses on 5 samples analyzed as specified on attached chain of custody.

Amolk MOLKY Brar
Laboratory Manager

Rojert G. Araghi
Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:
1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Ave.
Signal Hill, CA 90807-

Telephone: (562)989-4045
Attn: Rachelle Arada

Page: 2
Project ID: 082118
Project Name:

Job Number	Order Date	Client
28623	02/24/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		165766	165767	165768	165769	165770
Sample ID		082118-001E	082118-002E	082118-003A	082118-004D	082118-005A
Date Sampled		02/23/2006	02/23/2006	02/23/2006	02/23/2006	02/23/2006
Date Extracted		02/24/2006	02/24/2006	02/24/2006	02/24/2006	02/24/2006
Preparation Method						
Date Analyzed		02/24/2006	02/24/2006	02/24/2006	02/24/2006	02/24/2006
Matrix		Water	Water	Water	Water	Water
Units		ug/L	ug/L	ug/L	ug/L	ug/L
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	1.000	96.6	283	280	317	326

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	96	80-120								

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755-5225
TEL: *5629894045* FAX: *5629894040*

CHAIN-OF-CUSTODY RECORD

Subcontractor:

American Scientific Laboratory
2520 N. San Fernando Rd.
Los Angeles, CA 90065

TEL: (323) 254-7700
FAX: (323) 254-7799
Acct #:

23-Feb-06

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests						
				EPA 7199						
082118-001E	Ground Water	2/23/2006 2:16:00 PM	8OZP	1						
082118-002E	Ground Water	2/23/2006 2:45:00 PM	8OZP	1						
082118-003A	Ground Water	2/23/2006 2:45:00 PM	8OZP	1						
082118-004D	Ground Water	2/23/2006 3:17:00 PM	8OZP	1						
082118-005A	Ground Water	2/23/2006 3:17:00 PM	8OZP	1						

General Comments:

Please use PO#: SC00380 Please fax results Normal TAT

Send report to Rachelle Arada.

		Date/Time		Date/Time
Relinquished by:	[illegible]	2/23/06 6:54	**Received by:**	
Relinquished by:			**Received by:**	

CLIENT: Ceres Associates
Project: Excello Plating, SC592-1
Lab Order: 081780

CASE NARRATIVE

The samples for EPA 7199 (Hexavalent Chromium) were subcontracted to American Scientific Laboratories, Inc. with ELAP Cert 2200.

Analytical Comments for EPA 8260

Results were J-Flag per your request. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B6-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 7:00:00 AM
Lab ID:	081780-001A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 4:53:47 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
Barium	110	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
Chromium	15	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
Cobalt	9.5	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
Copper	13	2.0		mg/Kg	1	2/11/2006 4:53:47 AM
Lead	3.6	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
Nickel	7.6	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
Vanadium	40	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
Zinc	58	1.0		mg/Kg	1	2/11/2006 4:53:47 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209B	QC Batch: R59074			PrepDate:		Analyst: **MJM**
pH	6.2	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B6-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 7:05:00 AM
Lab ID:	081780-002A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 5:01:53 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
Barium	36	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
Chromium	5.2	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
Cobalt	3.7	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
Copper	4.6	2.0		mg/Kg	1	2/11/2006 5:01:53 AM
Lead	1.5	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
Nickel	4.6	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
Vanadium	22	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
Zinc	17	1.0		mg/Kg	1	2/11/2006 5:01:53 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209B	QC Batch: R59074			PrepDate:		Analyst: **MJM**
pH	6.5	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B6-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 7:10:00 AM
Lab ID:	081780-003A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 5:09:22 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
Barium	120	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
Chromium	13	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
Cobalt	10	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
Copper	15	2.0		mg/Kg	1	2/11/2006 5:09:22 AM
Lead	4.1	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
Nickel	8.3	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
Vanadium	46	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
Zinc	52	1.0		mg/Kg	1	2/11/2006 5:09:22 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209B	QC Batch: R59074			PrepDate:		Analyst: **MJM**
pH	6.4	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B6-15
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 7:15:00 AM
Lab ID:	081780-004A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 5:16:52 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
Barium	110	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
Chromium	18	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
Cobalt	12	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
Copper	31	2.0		mg/Kg	1	2/11/2006 5:16:52 AM
Lead	4.5	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
Nickel	9.7	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
Vanadium	47	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
Zinc	51	1.0		mg/Kg	1	2/11/2006 5:16:52 AM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B6-20
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 7:20:00 AM
Lab ID:	081780-005A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 5:24:31 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
Barium	75	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
Chromium	9.6	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
Cobalt	7.2	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
Copper	9.9	2.0		mg/Kg	1	2/11/2006 5:24:31 AM
Lead	2.6	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
Nickel	6.0	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
Vanadium	29	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
Zinc	35	1.0		mg/Kg	1	2/11/2006 5:24:31 AM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B6-25
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 7:25:00 AM
Lab ID:	081780-006A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 5:32:34 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
Barium	65	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
Chromium	9.7	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
Cobalt	6.6	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
Copper	9.5	2.0		mg/Kg	1	2/11/2006 5:32:34 AM
Lead	2.6	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
Nickel	5.0	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
Vanadium	39	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
Zinc	29	1.0		mg/Kg	1	2/11/2006 5:32:34 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	0.52	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B8-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:00:00 AM
Lab ID:	081780-007A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 5:40:24 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
Barium	85	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
Chromium	12	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
Cobalt	8.8	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
Copper	12	2.0		mg/Kg	1	2/11/2006 5:40:24 AM
Lead	3.8	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
Nickel	13	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
Vanadium	38	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
Zinc	47	1.0		mg/Kg	1	2/11/2006 5:40:24 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209B	QC Batch: R59074			PrepDate:		Analyst: **MJM**
pH	6.1	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B8-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:02:00 AM
Lab ID:	081780-008A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060210H	QC Batch: 26639			PrepDate:	2/9/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/11/2006 5:48:31 AM
Arsenic	ND	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
Barium	41	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
Beryllium	ND	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
Cadmium	ND	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
Chromium	7.0	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
Cobalt	4.2	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
Copper	5.0	2.0		mg/Kg	1	2/11/2006 5:48:31 AM
Lead	1.8	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
Molybdenum	ND	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
Nickel	6.5	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
Selenium	ND	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
Silver	ND	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
Thallium	ND	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
Vanadium	25	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
Zinc	19	1.0		mg/Kg	1	2/11/2006 5:48:31 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209B	QC Batch: R59074			PrepDate:		Analyst: **MJM**
pH	6.1	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B8-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:05:00 AM
Lab ID:	081780-009A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 5:27:41 PM
Arsenic	1.0	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
Barium	150	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
Chromium	16	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
Cobalt	13	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
Copper	22	2.0		mg/Kg	1	2/13/2006 5:27:41 PM
Lead	5.9	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
Nickel	11	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
Vanadium	48	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
Zinc	71	1.0		mg/Kg	1	2/13/2006 5:27:41 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209B	QC Batch: R59074			PrepDate:		Analyst: **MJM**
pH	6.2	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B8-15
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:10:00 AM
Lab ID:	081780-010A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 5:35:15 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
Barium	110	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
Chromium	14	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
Cobalt	11	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
Copper	19	2.0		mg/Kg	1	2/13/2006 5:35:15 PM
Lead	5.2	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
Nickel	9.6	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
Vanadium	40	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
Zinc	58	1.0		mg/Kg	1	2/13/2006 5:35:15 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	0.11	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B8-20
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:15:00 AM
Lab ID:	081780-011A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 5:40:15 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
Barium	120	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
Chromium	15	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
Cobalt	12	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
Copper	18	2.0		mg/Kg	1	2/13/2006 5:40:15 PM
Lead	4.2	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
Nickel	10	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
Vanadium	43	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
Zinc	57	1.0		mg/Kg	1	2/13/2006 5:40:15 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B8-25
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:25:00 AM
Lab ID:	081780-012A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 5:47:45 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
Barium	76	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
Chromium	8.2	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
Cobalt	6.7	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
Copper	8.1	2.0		mg/Kg	1	2/13/2006 5:47:45 PM
Lead	2.1	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
Nickel	5.2	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
Vanadium	24	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
Zinc	35	1.0		mg/Kg	1	2/13/2006 5:47:45 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209B	QC Batch: R59074			PrepDate:		Analyst: **MJM**
pH	6.2	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B10-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:35:00 AM
Lab ID:	081780-013A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 5:55:30 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
Barium	76	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
Cadmium	22	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
Chromium	24	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
Cobalt	9.0	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
Copper	16	2.0		mg/Kg	1	2/13/2006 5:55:30 PM
Lead	5.0	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
Nickel	2600	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
Vanadium	26	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
Zinc	55	1.0		mg/Kg	1	2/13/2006 5:55:30 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209B	QC Batch: R59074			PrepDate:		Analyst: **MJM**
pH	7.3	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B10-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:40:00 AM
Lab ID:	081780-014A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 6:03:37 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
Barium	45	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
Cadmium	1.6	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
Chromium	7.1	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
Cobalt	4.1	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
Copper	5.8	2.0		mg/Kg	1	2/13/2006 6:03:37 PM
Lead	1.7	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
Nickel	100	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
Vanadium	16	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
Zinc	20	1.0		mg/Kg	1	2/13/2006 6:03:37 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209B	QC Batch: R59074			PrepDate:		Analyst: **MJM**
pH	8.8	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B10-15
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:42:00 AM
Lab ID:	081780-015A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 6:11:04 PM
Arsenic	1.2	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
Barium	130	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
Chromium	24	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
Cobalt	10	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
Copper	17	2.0		mg/Kg	1	2/13/2006 6:11:04 PM
Lead	5.3	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
Nickel	8.9	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
Vanadium	39	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
Zinc	54	1.0		mg/Kg	1	2/13/2006 6:11:04 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B10-20
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:45:00 AM
Lab ID:	081780-016A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 6:19:08 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
Barium	96	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
Chromium	16	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
Cobalt	8.6	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
Copper	14	2.0		mg/Kg	1	2/13/2006 6:19:08 PM
Lead	3.4	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
Molybdenum	1.1	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
Nickel	7.1	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
Vanadium	32	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
Zinc	41	1.0		mg/Kg	1	2/13/2006 6:19:08 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B10-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:41:00 AM
Lab ID:	081780-017A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 6:42:10 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
Barium	94	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
Chromium	11	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
Cobalt	7.7	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
Copper	10	2.0		mg/Kg	1	2/13/2006 6:42:10 PM
Lead	2.8	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
Nickel	6.2	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
Vanadium	29	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
Zinc	37	1.0		mg/Kg	1	2/13/2006 6:42:10 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209B	QC Batch: R59074			PrepDate:		Analyst: **MJM**
pH	7.5	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B10-25
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:50:00 AM
Lab ID:	081780-018A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 6:50:13 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
Barium	44	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
Chromium	5.6	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
Cobalt	3.7	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
Copper	5.1	2.0		mg/Kg	1	2/13/2006 6:50:13 PM
Lead	1.3	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
Nickel	3.1	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
Vanadium	15	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
Zinc	16	1.0		mg/Kg	1	2/13/2006 6:50:13 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B23-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:24:00 AM
Lab ID:	081780-019A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 6:57:38 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
Barium	100	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
Chromium	96	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
Cobalt	8.5	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
Copper	12	2.0		mg/Kg	1	2/13/2006 6:57:38 PM
Lead	3.2	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
Nickel	6.8	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
Vanadium	31	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
Zinc	43	1.0		mg/Kg	1	2/13/2006 6:57:38 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/21/2006 8:49:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060209D	QC Batch: R59082			PrepDate:		Analyst: **MJM**
pH	8.5	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B23-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:24:00 AM
Lab ID:	081780-020A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 7:05:44 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
Barium	43	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
Chromium	19	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
Cobalt	3.8	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
Copper	5.5	2.0		mg/Kg	1	2/13/2006 7:05:44 PM
Lead	1.4	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
Nickel	3.2	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
Vanadium	15	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
Zinc	19	1.0		mg/Kg	1	2/13/2006 7:05:44 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214A	QC Batch: 26661			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/21/2006 9:23:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060209D	QC Batch: R59082			PrepDate:		Analyst: **MJM**
pH	8.4	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B23-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:30:00 AM
Lab ID:	081780-021A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 7:13:12 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
Barium	120	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
Chromium	32	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
Cobalt	9.9	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
Copper	13	2.0		mg/Kg	1	2/13/2006 7:13:12 PM
Lead	3.3	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
Nickel	8.0	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
Vanadium	37	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
Zinc	48	1.0		mg/Kg	1	2/13/2006 7:13:12 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/21/2006 9:58:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060209D	QC Batch: R59082			PrepDate:		Analyst: **MJM**
pH	7.8	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B23-15
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:35:00 AM
Lab ID:	081780-022A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 7:21:15 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
Barium	62	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
Chromium	6.6	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
Cobalt	5.4	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
Copper	8.4	2.0		mg/Kg	1	2/13/2006 7:21:15 PM
Lead	2.3	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
Nickel	4.3	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
Vanadium	21	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
Zinc	27	1.0		mg/Kg	1	2/13/2006 7:21:15 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B23-20
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:40:00 AM
Lab ID:	081780-023A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 7:29:11 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
Barium	57	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
Chromium	47	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
Cobalt	4.8	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
Copper	7.6	2.0		mg/Kg	1	2/13/2006 7:29:11 PM
Lead	2.0	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
Nickel	4.0	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
Vanadium	22	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
Zinc	24	1.0		mg/Kg	1	2/13/2006 7:29:11 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B23-25
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:45:00 AM
Lab ID:	081780-024A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 7:37:47 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
Barium	36	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
Chromium	4.0	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
Cobalt	3.0	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
Copper	4.5	2.0		mg/Kg	1	2/13/2006 7:37:47 PM
Lead	1.3	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
Nickel	2.3	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
Vanadium	13	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
Zinc	16	1.0		mg/Kg	1	2/13/2006 7:37:47 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B22-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:55:00 AM
Lab ID:	081780-025A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	200		mg/Kg	100	2/13/2006 7:45:23 PM
Arsenic	ND	100		mg/Kg	100	2/13/2006 7:45:23 PM
Barium	ND	100		mg/Kg	100	2/13/2006 7:45:23 PM
Beryllium	ND	100		mg/Kg	100	2/13/2006 7:45:23 PM
Cadmium	ND	100		mg/Kg	100	2/13/2006 7:45:23 PM
Chromium	11000	100		mg/Kg	100	2/13/2006 7:45:23 PM
Cobalt	ND	100		mg/Kg	100	2/13/2006 7:45:23 PM
Copper	ND	200		mg/Kg	100	2/13/2006 7:45:23 PM
Lead	ND	100		mg/Kg	100	2/13/2006 7:45:23 PM
Molybdenum	ND	100		mg/Kg	100	2/13/2006 7:45:23 PM
Nickel	ND	100		mg/Kg	100	2/13/2006 7:45:23 PM
Selenium	ND	100		mg/Kg	100	2/13/2006 7:45:23 PM
Silver	ND	100		mg/Kg	100	2/13/2006 7:45:23 PM
Thallium	ND	100		mg/Kg	100	2/13/2006 7:45:23 PM
Vanadium	ND	100		mg/Kg	100	2/13/2006 7:45:23 PM
Zinc	ND	100		mg/Kg	100	2/13/2006 7:45:23 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060210A	QC Batch: 26660			PrepDate:	2/10/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/10/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	1.0		mg/Kg	10	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209D	QC Batch: R59082			PrepDate:		Analyst: **MJM**
pH	3.2	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B22-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:57:00 AM
Lab ID:	081780-026A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	200		mg/Kg	100	2/13/2006 7:52:48 PM
Arsenic	ND	100		mg/Kg	100	2/13/2006 7:52:48 PM
Barium	ND	100		mg/Kg	100	2/13/2006 7:52:48 PM
Beryllium	ND	100		mg/Kg	100	2/13/2006 7:52:48 PM
Cadmium	ND	100		mg/Kg	100	2/13/2006 7:52:48 PM
Chromium	5200	100		mg/Kg	100	2/13/2006 7:52:48 PM
Cobalt	ND	100		mg/Kg	100	2/13/2006 7:52:48 PM
Copper	ND	200		mg/Kg	100	2/13/2006 7:52:48 PM
Lead	ND	100		mg/Kg	100	2/13/2006 7:52:48 PM
Molybdenum	ND	100		mg/Kg	100	2/13/2006 7:52:48 PM
Nickel	ND	100		mg/Kg	100	2/13/2006 7:52:48 PM
Selenium	ND	100		mg/Kg	100	2/13/2006 7:52:48 PM
Silver	ND	100		mg/Kg	100	2/13/2006 7:52:48 PM
Thallium	ND	100		mg/Kg	100	2/13/2006 7:52:48 PM
Vanadium	ND	100		mg/Kg	100	2/13/2006 7:52:48 PM
Zinc	ND	100		mg/Kg	100	2/13/2006 7:52:48 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	1.0		mg/Kg	10	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209D	QC Batch: R59082			PrepDate:		Analyst: **MJM**
pH	3.2	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B22-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:59:00 AM
Lab ID:	081780-027A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	200		mg/Kg	100	2/13/2006 8:15:06 PM
Arsenic	ND	100		mg/Kg	100	2/13/2006 8:15:06 PM
Barium	160	100		mg/Kg	100	2/13/2006 8:15:06 PM
Beryllium	ND	100		mg/Kg	100	2/13/2006 8:15:06 PM
Cadmium	ND	100		mg/Kg	100	2/13/2006 8:15:06 PM
Chromium	10000	100		mg/Kg	100	2/13/2006 8:15:06 PM
Cobalt	ND	100		mg/Kg	100	2/13/2006 8:15:06 PM
Copper	ND	200		mg/Kg	100	2/13/2006 8:15:06 PM
Lead	ND	100		mg/Kg	100	2/13/2006 8:15:06 PM
Molybdenum	ND	100		mg/Kg	100	2/13/2006 8:15:06 PM
Nickel	ND	100		mg/Kg	100	2/13/2006 8:15:06 PM
Selenium	ND	100		mg/Kg	100	2/13/2006 8:15:06 PM
Silver	ND	100		mg/Kg	100	2/13/2006 8:15:06 PM
Thallium	ND	100		mg/Kg	100	2/13/2006 8:15:06 PM
Vanadium	ND	100		mg/Kg	100	2/13/2006 8:15:06 PM
Zinc	ND	100		mg/Kg	100	2/13/2006 8:15:06 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	1.0		mg/Kg	10	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209D	QC Batch: R59082			PrepDate:		Analyst: **MJM**
pH	3.3	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B22-15
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:05:00 AM
Lab ID:	081780-028A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213F	QC Batch: 26640			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 8:22:31 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
Barium	45	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
Chromium	100	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
Cobalt	3.6	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
Copper	4.9	2.0		mg/Kg	1	2/13/2006 8:22:31 PM
Lead	1.5	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
Nickel	3.0	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
Vanadium	15	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
Zinc	19	1.0		mg/Kg	1	2/13/2006 8:22:31 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B22-20
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:10:00 AM
Lab ID:	081780-029A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 9:09:19 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
Barium	45	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
Chromium	140	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
Cobalt	3.2	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
Copper	5.3	2.0		mg/Kg	1	2/13/2006 9:09:19 PM
Lead	1.4	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
Nickel	2.4	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
Vanadium	12	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
Zinc	18	1.0		mg/Kg	1	2/13/2006 9:09:19 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B22-25
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:20:00 AM
Lab ID:	081780-030A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 9:17:02 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
Barium	45	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
Chromium	170	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
Cobalt	3.6	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
Copper	5.8	2.0		mg/Kg	1	2/13/2006 9:17:02 PM
Lead	1.8	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
Nickel	2.9	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
Vanadium	17	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
Zinc	19	1.0		mg/Kg	1	2/13/2006 9:17:02 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B21-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:35:00 AM
Lab ID:	081780-031A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 9:24:31 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
Barium	ND	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
Chromium	30	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
Cobalt	ND	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
Copper	ND	2.0		mg/Kg	1	2/13/2006 9:24:31 PM
Lead	ND	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
Nickel	ND	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
Vanadium	ND	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
Zinc	1.2	1.0		mg/Kg	1	2/13/2006 9:24:31 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	0.12	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209D	QC Batch: R59082			PrepDate:		Analyst: **MJM**
pH	4.8	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B21-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:38:00 AM
Lab ID:	081780-032A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 9:46:53 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
Barium	45	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
Cadmium	1.4	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
Chromium	160	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
Cobalt	4.2	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
Copper	17	2.0		mg/Kg	1	2/13/2006 9:46:53 PM
Lead	1.5	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
Molybdenum	1.0	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
Nickel	4.2	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
Vanadium	17	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
Zinc	25	1.0		mg/Kg	1	2/13/2006 9:46:53 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209D	QC Batch: R59082			PrepDate:		Analyst: **MJM**
pH	6.4	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B21-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:41:00 AM
Lab ID:	081780-033A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 9:54:25 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
Barium	130	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
Chromium	120	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
Cobalt	11	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
Copper	16	2.0		mg/Kg	1	2/13/2006 9:54:25 PM
Lead	4.5	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
Nickel	8.8	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
Vanadium	39	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
Zinc	55	1.0		mg/Kg	1	2/13/2006 9:54:25 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209D	QC Batch: R59082			PrepDate:		Analyst: **MJM**
pH	6.8	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B21-15
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:45:00 AM
Lab ID:	081780-034A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 10:02:34 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
Barium	69	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
Cadmium	1.3	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
Chromium	43	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
Cobalt	7.2	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
Copper	9.4	2.0		mg/Kg	1	2/13/2006 10:02:34 PM
Lead	2.6	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
Nickel	5.5	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
Vanadium	27	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
Zinc	33	1.0		mg/Kg	1	2/13/2006 10:02:34 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	0.12	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B21-20
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:50:00 AM
Lab ID:	081780-035A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 10:10:20 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
Barium	78	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
Chromium	27	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
Cobalt	8.6	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
Copper	10	2.0		mg/Kg	1	2/13/2006 10:10:20 PM
Lead	2.4	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
Molybdenum	9.4	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
Nickel	6.1	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
Vanadium	35	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
Zinc	33	1.0		mg/Kg	1	2/13/2006 10:10:20 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B21-25
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:55:00 AM
Lab ID:	081780-036A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 10:18:09 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
Barium	34	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
Chromium	4.1	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
Cobalt	5.1	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
Copper	3.7	2.0		mg/Kg	1	2/13/2006 10:18:09 PM
Lead	3.1	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
Nickel	2.3	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
Vanadium	20	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
Zinc	29	1.0		mg/Kg	1	2/13/2006 10:18:09 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B20-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:00:00 AM
Lab ID:	081780-037A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	200		mg/Kg	100	2/13/2006 10:25:41 PM
Arsenic	ND	100		mg/Kg	100	2/13/2006 10:25:41 PM
Barium	ND	100		mg/Kg	100	2/13/2006 10:25:41 PM
Beryllium	ND	100		mg/Kg	100	2/13/2006 10:25:41 PM
Cadmium	ND	100		mg/Kg	100	2/13/2006 10:25:41 PM
Chromium	5500	100		mg/Kg	100	2/13/2006 10:25:41 PM
Cobalt	ND	100		mg/Kg	100	2/13/2006 10:25:41 PM
Copper	240	200		mg/Kg	100	2/13/2006 10:25:41 PM
Lead	ND	100		mg/Kg	100	2/13/2006 10:25:41 PM
Molybdenum	ND	100		mg/Kg	100	2/13/2006 10:25:41 PM
Nickel	ND	100		mg/Kg	100	2/13/2006 10:25:41 PM
Selenium	ND	100		mg/Kg	100	2/13/2006 10:25:41 PM
Silver	ND	100		mg/Kg	100	2/13/2006 10:25:41 PM
Thallium	ND	100		mg/Kg	100	2/13/2006 10:25:41 PM
Vanadium	ND	100		mg/Kg	100	2/13/2006 10:25:41 PM
Zinc	ND	100		mg/Kg	100	2/13/2006 10:25:41 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209D	QC Batch: R59082			PrepDate:		Analyst: **MJM**
pH	4.4	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B20-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:05:00 AM
Lab ID:	081780-038A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	40		mg/Kg	20	2/13/2006 10:33:03 PM
Arsenic	ND	20		mg/Kg	20	2/13/2006 10:33:03 PM
Barium	43	20		mg/Kg	20	2/13/2006 10:33:03 PM
Beryllium	ND	20		mg/Kg	20	2/13/2006 10:33:03 PM
Cadmium	ND	20		mg/Kg	20	2/13/2006 10:33:03 PM
Chromium	1700	20		mg/Kg	20	2/13/2006 10:33:03 PM
Cobalt	ND	20		mg/Kg	20	2/13/2006 10:33:03 PM
Copper	ND	40		mg/Kg	20	2/13/2006 10:33:03 PM
Lead	ND	20		mg/Kg	20	2/13/2006 10:33:03 PM
Molybdenum	ND	20		mg/Kg	20	2/13/2006 10:33:03 PM
Nickel	25	20		mg/Kg	20	2/13/2006 10:33:03 PM
Selenium	ND	20		mg/Kg	20	2/13/2006 10:33:03 PM
Silver	ND	20		mg/Kg	20	2/13/2006 10:33:03 PM
Thallium	ND	20		mg/Kg	20	2/13/2006 10:33:03 PM
Vanadium	ND	20		mg/Kg	20	2/13/2006 10:33:03 PM
Zinc	63	20		mg/Kg	20	2/13/2006 10:33:03 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209E	QC Batch: R59085			PrepDate:		Analyst: **MJM**
pH	4.7	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B20-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:07:00 AM
Lab ID:	081780-039A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 10:40:33 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
Barium	140	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
Chromium	260	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
Cobalt	11	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
Copper	18	2.0		mg/Kg	1	2/13/2006 10:40:33 PM
Lead	4.7	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
Nickel	9.2	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
Vanadium	42	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
Zinc	61	1.0		mg/Kg	1	2/13/2006 10:40:33 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209E	QC Batch: R59085			PrepDate:		Analyst: **MJM**
pH	6.2	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B20-15
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:10:00 AM
Lab ID:	081780-040A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 10:48:44 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
Barium	80	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
Chromium	34	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
Cobalt	7.8	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
Copper	11	2.0		mg/Kg	1	2/13/2006 10:48:44 PM
Lead	3.1	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
Molybdenum	1.4	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
Nickel	6.2	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
Vanadium	30	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
Zinc	36	1.0		mg/Kg	1	2/13/2006 10:48:44 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214B	QC Batch: 26662			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B20-20
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:15:00 AM
Lab ID:	081780-041A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 10:56:45 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
Barium	75	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
Cadmium	5.2	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
Chromium	9.1	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
Cobalt	6.9	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
Copper	10	2.0		mg/Kg	1	2/13/2006 10:56:45 PM
Lead	2.4	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
Nickel	5.9	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
Vanadium	24	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
Zinc	33	1.0		mg/Kg	1	2/13/2006 10:56:45 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B20-25
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:20:00 AM
Lab ID:	081780-042A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 11:19:30 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
Barium	110	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
Chromium	13	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
Cobalt	9.3	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
Copper	15	2.0		mg/Kg	1	2/13/2006 11:19:30 PM
Lead	3.6	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
Nickel	7.8	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
Vanadium	36	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
Zinc	47	1.0		mg/Kg	1	2/13/2006 11:19:30 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B19-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:32:00 AM
Lab ID:	081780-043A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	200		mg/Kg	100	2/13/2006 11:27:37 PM
Arsenic	ND	100		mg/Kg	100	2/13/2006 11:27:37 PM
Barium	ND	100		mg/Kg	100	2/13/2006 11:27:37 PM
Beryllium	ND	100		mg/Kg	100	2/13/2006 11:27:37 PM
Cadmium	ND	100		mg/Kg	100	2/13/2006 11:27:37 PM
Chromium	7100	100		mg/Kg	100	2/13/2006 11:27:37 PM
Cobalt	ND	100		mg/Kg	100	2/13/2006 11:27:37 PM
Copper	ND	200		mg/Kg	100	2/13/2006 11:27:37 PM
Lead	ND	100		mg/Kg	100	2/13/2006 11:27:37 PM
Molybdenum	ND	100		mg/Kg	100	2/13/2006 11:27:37 PM
Nickel	ND	100		mg/Kg	100	2/13/2006 11:27:37 PM
Selenium	ND	100		mg/Kg	100	2/13/2006 11:27:37 PM
Silver	ND	100		mg/Kg	100	2/13/2006 11:27:37 PM
Thallium	ND	100		mg/Kg	100	2/13/2006 11:27:37 PM
Vanadium	ND	100		mg/Kg	100	2/13/2006 11:27:37 PM
Zinc	ND	100		mg/Kg	100	2/13/2006 11:27:37 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	1.0		mg/Kg	10	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209E	QC Batch: R59085			PrepDate:		Analyst: **MJM**
pH	3.4	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B19-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:32:00 AM
Lab ID:	081780-044A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	40		mg/Kg	20	2/13/2006 11:34:59 PM
Arsenic	ND	20		mg/Kg	20	2/13/2006 11:34:59 PM
Barium	39	20		mg/Kg	20	2/13/2006 11:34:59 PM
Beryllium	ND	20		mg/Kg	20	2/13/2006 11:34:59 PM
Cadmium	ND	20		mg/Kg	20	2/13/2006 11:34:59 PM
Chromium	910	20		mg/Kg	20	2/13/2006 11:34:59 PM
Cobalt	ND	20		mg/Kg	20	2/13/2006 11:34:59 PM
Copper	ND	40		mg/Kg	20	2/13/2006 11:34:59 PM
Lead	ND	20		mg/Kg	20	2/13/2006 11:34:59 PM
Molybdenum	ND	20		mg/Kg	20	2/13/2006 11:34:59 PM
Nickel	ND	20		mg/Kg	20	2/13/2006 11:34:59 PM
Selenium	ND	20		mg/Kg	20	2/13/2006 11:34:59 PM
Silver	ND	20		mg/Kg	20	2/13/2006 11:34:59 PM
Thallium	ND	20		mg/Kg	20	2/13/2006 11:34:59 PM
Vanadium	ND	20		mg/Kg	20	2/13/2006 11:34:59 PM
Zinc	ND	20		mg/Kg	20	2/13/2006 11:34:59 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209E	QC Batch: R59085			PrepDate:		Analyst: **MJM**
pH	5.4	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B19-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:35:00 AM
Lab ID:	081780-045A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	4.6	2.0		mg/Kg	1	2/13/2006 11:42:22 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
Barium	150	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
Chromium	640	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
Cobalt	12	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
Copper	18	2.0		mg/Kg	1	2/13/2006 11:42:22 PM
Lead	4.6	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
Nickel	9.8	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
Vanadium	42	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
Zinc	60	1.0		mg/Kg	1	2/13/2006 11:42:22 PM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209E	QC Batch: R59085			PrepDate:		Analyst: **MJM**
pH	5.8	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B19-15
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:40:00 AM
Lab ID:	081780-046A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 11:49:56 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
Barium	76	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
Chromium	31	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
Cobalt	6.4	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
Copper	9.2	2.0		mg/Kg	1	2/13/2006 11:49:56 PM
Lead	2.7	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
Nickel	5.2	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
Vanadium	25	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
Zinc	33	1.0		mg/Kg	1	2/13/2006 11:49:56 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B19-20
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:45:00 AM
Lab ID:	081780-047A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/13/2006 11:57:57 PM
Arsenic	ND	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
Barium	57	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
Beryllium	ND	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
Cadmium	ND	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
Chromium	14	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
Cobalt	4.4	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
Copper	6.0	2.0		mg/Kg	1	2/13/2006 11:57:57 PM
Lead	1.6	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
Molybdenum	ND	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
Nickel	3.6	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
Selenium	ND	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
Silver	ND	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
Thallium	ND	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
Vanadium	16	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
Zinc	22	1.0		mg/Kg	1	2/13/2006 11:57:57 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B19-25
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:50:00 AM
Lab ID:	081780-048A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213G	QC Batch: 26642			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 12:06:19 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
Barium	110	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
Chromium	13	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
Cobalt	9.0	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
Copper	14	2.0		mg/Kg	1	2/14/2006 12:06:19 AM
Lead	3.2	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
Nickel	7.0	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
Vanadium	33	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
Zinc	43	1.0		mg/Kg	1	2/14/2006 12:06:19 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B28-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 12:20:00 PM
Lab ID:	081780-049A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 1:09:20 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
Barium	110	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
Chromium	37	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
Cobalt	9.8	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
Copper	16	2.0		mg/Kg	1	2/14/2006 1:09:20 AM
Lead	8.3	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
Nickel	8.6	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
Vanadium	37	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
Zinc	52	1.0		mg/Kg	1	2/14/2006 1:09:20 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/21/2006 10:32:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060209E	QC Batch: R59085			PrepDate:		Analyst: **MJM**
pH	6.9	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B28-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 12:25:00 PM
Lab ID:	081780-050A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 1:17:23 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
Barium	91	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
Chromium	24	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
Cobalt	8.7	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
Copper	14	2.0		mg/Kg	1	2/14/2006 1:17:23 AM
Lead	7.1	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
Nickel	8.0	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
Vanadium	33	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
Zinc	46	1.0		mg/Kg	1	2/14/2006 1:17:23 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/21/2006 11:07:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060209E	QC Batch: R59085			PrepDate:		Analyst: **MJM**
pH	6.9	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B28-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 12:30:00 PM
Lab ID:	081780-051A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 1:25:26 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
Barium	50	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
Chromium	6.5	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
Cobalt	4.8	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
Copper	6.9	2.0		mg/Kg	1	2/14/2006 1:25:26 AM
Lead	1.9	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
Nickel	4.2	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
Vanadium	19	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
Zinc	24	1.0		mg/Kg	1	2/14/2006 1:25:26 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/21/2006 11:41:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060209E	QC Batch: R59085			PrepDate:		Analyst: **MJM**
pH	7.0	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B28-15
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 12:35:00 PM
Lab ID:	081780-052A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 1:33:22 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
Barium	80	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
Chromium	3.0	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
Cobalt	5.9	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
Copper	9.0	2.0		mg/Kg	1	2/14/2006 1:33:22 AM
Lead	1.7	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
Nickel	2.0	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
Vanadium	23	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
Zinc	32	1.0		mg/Kg	1	2/14/2006 1:33:22 AM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B28-20
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 12:40:00 PM
Lab ID:	081780-053A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 1:41:25 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
Barium	120	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
Chromium	14	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
Cobalt	11	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
Copper	15	2.0		mg/Kg	1	2/14/2006 1:41:25 AM
Lead	3.5	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
Nickel	9.0	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
Vanadium	41	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
Zinc	54	1.0		mg/Kg	1	2/14/2006 1:41:25 AM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B28-25
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 12:45:00 PM
Lab ID:	081780-054A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 1:49:00 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
Barium	31	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
Cadmium	ND	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
Chromium	3.3	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
Cobalt	2.5	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
Copper	3.8	2.0		mg/Kg	1	2/14/2006 1:49:00 AM
Lead	1.1	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
Nickel	1.9	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
Vanadium	11	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
Zinc	12	1.0		mg/Kg	1	2/14/2006 1:49:00 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:30:00 AM
Lab ID:	081780-055A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 1:56:34 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
Barium	94	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
Cadmium	21	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
Chromium	35	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
Cobalt	7.7	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
Copper	100	2.0		mg/Kg	1	2/14/2006 1:56:34 AM
Lead	5.3	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
Nickel	28	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
Vanadium	29	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
Zinc	45	1.0		mg/Kg	1	2/14/2006 1:56:34 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060213B	QC Batch: 26694			PrepDate:	2/13/2006	Analyst: **RSJ**
Cyanide	11	0.25		mg/Kg	1	2/13/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/22/2006 11:46:00 AM
PH						
				EPA 9045C		
RunID: WETCHEM_060209E	QC Batch: R59085			PrepDate:		Analyst: **MJM**
pH	7.3	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:43:00 AM
Lab ID:	081780-056A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 2:04:43 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
Barium	41	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
Cadmium	20	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
Chromium	55	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
Cobalt	3.3	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
Copper	75	2.0		mg/Kg	1	2/14/2006 2:04:43 AM
Lead	5.4	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
Nickel	190	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
Vanadium	14	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
Zinc	26	1.0		mg/Kg	1	2/14/2006 2:04:43 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	4.7	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/22/2006 12:21:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060209E	QC Batch: R59085			PrepDate:		Analyst: **MJM**
pH	8.0	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:53:00 AM
Lab ID:	081780-057A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 2:27:16 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
Barium	150	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
Cadmium	16	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
Chromium	77	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
Cobalt	12	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
Copper	460	2.0		mg/Kg	1	2/14/2006 2:27:16 AM
Lead	12	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
Nickel	44	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
Vanadium	47	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
Zinc	150	1.0		mg/Kg	1	2/14/2006 2:27:16 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	26	0.50		mg/Kg	2	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209F	QC Batch: R59086			PrepDate:		Analyst: **MJM**
pH	7.5	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-15
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:05:00 AM
Lab ID:	081780-058A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 2:35:26 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
Barium	71	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
Cadmium	9.2	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
Chromium	28	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
Cobalt	5.8	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
Copper	47	2.0		mg/Kg	1	2/14/2006 2:35:26 AM
Lead	2.8	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
Nickel	9.8	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
Vanadium	23	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
Zinc	39	1.0		mg/Kg	1	2/14/2006 2:35:26 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209F	QC Batch: R59086			PrepDate:		Analyst: **MJM**
pH	6.7	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-20
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:31:00 AM
Lab ID:	081780-059A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 2:43:15 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
Barium	85	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
Cadmium	59	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
Chromium	11	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
Cobalt	7.9	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
Copper	11	2.0		mg/Kg	1	2/14/2006 2:43:15 AM
Lead	2.8	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
Nickel	18	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
Vanadium	28	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
Zinc	51	1.0		mg/Kg	1	2/14/2006 2:43:15 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/22/2006 4:00:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060209F	QC Batch: R59086			PrepDate:		Analyst: **MJM**
pH	7.2	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-25
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:02:00 AM
Lab ID:	081780-060A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 2:51:21 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
Barium	55	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
Cadmium	28	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
Chromium	12	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
Cobalt	4.4	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
Copper	11	2.0		mg/Kg	1	2/14/2006 2:51:21 AM
Lead	1.9	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
Nickel	14	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
Vanadium	17	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
Zinc	25	1.0		mg/Kg	1	2/14/2006 2:51:21 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	0.38	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060214C	QC Batch: 26663			PrepDate:	2/13/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/14/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209F	QC Batch: R59086			PrepDate:		Analyst: **MJM**
pH	7.9	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-30
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:25:00 AM
Lab ID:	081780-061A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 2:59:16 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
Barium	53	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
Cadmium	11	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
Chromium	22	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
Cobalt	4.7	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
Copper	9.0	2.0		mg/Kg	1	2/14/2006 2:59:16 AM
Lead	2.2	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
Nickel	9.9	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
Vanadium	18	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
Zinc	25	1.0		mg/Kg	1	2/14/2006 2:59:16 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	ND	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209F	QC Batch: R59086			PrepDate:		Analyst: **MJM**
pH	8.1	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-35
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:35:00 AM
Lab ID:	081780-062A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 3:07:15 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
Barium	60	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
Cadmium	6.9	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
Chromium	19	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
Cobalt	5.3	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
Copper	13	2.0		mg/Kg	1	2/14/2006 3:07:15 AM
Lead	2.6	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
Nickel	7.5	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
Vanadium	22	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
Zinc	31	1.0		mg/Kg	1	2/14/2006 3:07:15 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	0.50	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209F	QC Batch: R59086			PrepDate:		Analyst: **MJM**
pH	7.9	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-40
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:05:00 AM
Lab ID:	081780-063A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 3:15:02 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
Barium	53	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
Cadmium	1.8	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
Chromium	12	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
Cobalt	4.0	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
Copper	8.4	2.0		mg/Kg	1	2/14/2006 3:15:02 AM
Lead	2.3	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
Nickel	4.7	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
Vanadium	18	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
Zinc	22	1.0		mg/Kg	1	2/14/2006 3:15:02 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	0.30	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
PH						
				EPA 9045C		
RunID: WETCHEM_060209F	QC Batch: R59086			PrepDate:		Analyst: **MJM**
pH	7.5	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-45
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:30:00 AM
Lab ID:	081780-064A	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_060213H	QC Batch: 26643			PrepDate:	2/13/2006	Analyst: **RQ**
Antimony	ND	2.0		mg/Kg	1	2/14/2006 3:22:28 AM
Arsenic	ND	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
Barium	55	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
Beryllium	ND	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
Cadmium	2.8	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
Chromium	14	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
Cobalt	4.3	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
Copper	11	2.0		mg/Kg	1	2/14/2006 3:22:28 AM
Lead	2.3	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
Molybdenum	ND	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
Nickel	4.8	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
Selenium	ND	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
Silver	ND	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
Thallium	ND	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
Vanadium	18	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
Zinc	22	1.0		mg/Kg	1	2/14/2006 3:22:28 AM
CYANIDE, TOTAL						
	EPA 9010B			**EPA 9014**		
RunID: WETCHEM3_060215B	QC Batch: 26723			PrepDate:	2/14/2006	Analyst: **RSJ**
Cyanide	0.45	0.25		mg/Kg	1	2/15/2006
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_060210F	QC Batch: 26656			PrepDate:	2/10/2006	Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1	2/10/2006
1,4-DIOXANE BY GC/MS SIM : ISOTOPE DILUTION						
	EPA 3550B			**EPA 8270C(M)**		
RunID: MS6_060221A	QC Batch: 26705			PrepDate:	2/14/2006	Analyst: **MFR**
1,4-Dioxane	ND	10		µg/Kg	1	2/22/2006 12:55:00 PM
PH						
				EPA 9045C		
RunID: WETCHEM_060209F	QC Batch: R59086			PrepDate:		Analyst: **MJM**
pH	7.1	0.10		pH Units	1	2/9/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B23-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:24:00 AM
Lab ID:	081780-019A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209A**	QC Batch: **R06VS039**				PrepDate:		Analyst: **EA**
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/9/2006 2:04:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B23-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:24:00 AM
Lab ID:	081780-020A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209A**	QC Batch: **R06VS039**				PrepDate:		Analyst: **EA**
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/9/2006 6:05:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B23-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:30:00 AM
Lab ID:	081780-021A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209A**	QC Batch: **R06VS039**				PrepDate:		Analyst: **EA**
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/9/2006 6:34:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B28-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 12:20:00 PM
Lab ID:	081780-049A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209A**	QC Batch: **R06VS039**				PrepDate:		Analyst: **EA**
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/9/2006 7:03:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B28-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 12:25:00 PM
Lab ID:	081780-050A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209A**	QC Batch: **R06VS039**				PrepDate:		Analyst: **EA**
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/9/2006 7:33:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	B28-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 12:30:00 PM
Lab ID:	081780-051A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 4:25:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:30:00 AM
Lab ID:	081780-055A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060209B** QC Batch: **R06VS040** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,1,1-Trichloroethane	8.1	2.3	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 4:55:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 4:55:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-1
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:30:00 AM
Lab ID:	081780-055A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 4:55:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Tetrachloroethene	63	2.7	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Trichloroethene	2.6	2.4	5.0	J	µg/Kg	1	2/10/2006 4:55:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 4:55:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 4:55:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:43:00 AM
Lab ID:	081780-056A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 5:24:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 5:24:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-5
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:43:00 AM
Lab ID:	081780-056A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 5:24:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Tetrachloroethene	7.8	2.7	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 5:24:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 5:24:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:53:00 AM
Lab ID:	081780-057A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060210B**	QC Batch: **R06VS042**				PrepDate:		Analyst: **EA**
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/11/2006 7:38:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/11/2006 7:38:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-10
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 8:53:00 AM
Lab ID:	081780-057A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060210B**	QC Batch: **R06VS042**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/11/2006 7:38:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Tetrachloroethene	6.8	2.7	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/11/2006 7:38:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/11/2006 7:38:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-15
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:05:00 AM
Lab ID:	081780-058A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 6:20:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 6:20:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-15
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:05:00 AM
Lab ID:	081780-058A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 6:20:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 6:20:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 6:20:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-20
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:31:00 AM
Lab ID:	081780-059A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 6:49:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 6:49:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-20
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 9:31:00 AM
Lab ID:	081780-059A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 6:49:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 6:49:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 6:49:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-25
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:02:00 AM
Lab ID:	081780-060A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060209B** QC Batch: **R06VS040** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 7:17:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 7:17:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-25
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:02:00 AM
Lab ID:	081780-060A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 7:17:00 AM
Methylene chloride	2.0	1.9	5.0	J	µg/Kg	1	2/10/2006 7:17:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 7:17:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 7:17:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-30
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:25:00 AM
Lab ID:	081780-061A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 7:45:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 7:45:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-30
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:25:00 AM
Lab ID:	081780-061A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 7:45:00 AM
Methylene chloride	2.0	1.9	5.0	J	µg/Kg	1	2/10/2006 7:45:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 7:45:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 7:45:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-35
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:35:00 AM
Lab ID:	081780-062A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060209B** QC Batch: **R06VS040** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/10/2006 8:15:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/10/2006 8:15:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-35
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 10:35:00 AM
Lab ID:	081780-062A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **MS3_060209B**	QC Batch: **R06VS040**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/10/2006 8:15:00 AM
Methylene chloride	2.1	1.9	5.0	J	µg/Kg	1	2/10/2006 8:15:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/10/2006 8:15:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/10/2006 8:15:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-40
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:05:00 AM
Lab ID:	081780-063A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060210B**	QC Batch: **R06VS042**				PrepDate:		Analyst: **EA**
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,1-Dichloropropene	4.0	2.8	5.0	J	µg/Kg	1	2/11/2006 8:07:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/11/2006 8:07:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/11/2006 8:07:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-40
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:05:00 AM
Lab ID:	081780-063A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060210B**	QC Batch: **R06VS042**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/11/2006 8:07:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/11/2006 8:07:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/11/2006 8:07:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-45
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:30:00 AM
Lab ID:	081780-064A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS3_060210B** QC Batch: **R06VS042** PrepDate: Analyst: **EA**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.6	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,1,1-Trichloroethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,1,2,2-Tetrachloroethane	ND	1.8	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,1,2-Trichloroethane	ND	2.0	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,1-Dichloroethane	ND	2.2	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,1-Dichloroethene	ND	2.2	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,1-Dichloropropene	ND	2.8	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,2,3-Trichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,2,3-Trichloropropane	ND	1.7	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,2,4-Trichlorobenzene	ND	3.2	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,2,4-Trimethylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/Kg	1	2/11/2006 8:35:00 AM
1,2-Dibromoethane	ND	2.8	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,2-Dichlorobenzene	ND	2.1	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,2-Dichloroethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,2-Dichloropropane	ND	2.4	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,3,5-Trimethylbenzene	ND	2.8	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,3-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,3-Dichloropropane	ND	2.2	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
1,4-Dichlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
2,2-Dichloropropane	ND	3.5	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
2-Chlorotoluene	ND	4.2	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
4-Chlorotoluene	ND	2.7	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
4-Isopropyltoluene	ND	2.7	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Benzene	ND	0.34	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Bromobenzene	ND	2.8	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Bromodichloromethane	ND	2.6	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Bromoform	ND	2.2	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Bromomethane	ND	3.2	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Carbon tetrachloride	ND	2.3	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Chlorobenzene	ND	2.5	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Chloroethane	ND	3.1	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Chloroform	ND	2.1	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Chloromethane	ND	2.2	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
cis-1,2-Dichloroethene	ND	2.6	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
cis-1,3-Dichloropropene	ND	3.0	5.0		µg/Kg	1	2/11/2006 8:35:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories

Date: *28-Feb-06*

CLIENT:	Ceres Associates	**Client Sample ID:**	MW2-45
Lab Order:	081780	**Tag Number:**	
Project:	Excello Plating, SC592-1	**Collection Date:**	2/7/2006 11:30:00 AM
Lab ID:	081780-064A	**Matrix:**	SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
				EPA 8260B			
RunID: **MS3_060210B**	QC Batch: **R06VS042**				PrepDate:		Analyst: **EA**
Dibromochloromethane	ND	2.3	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Dibromomethane	ND	2.5	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Dichlorodifluoromethane	ND	1.9	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Ethylbenzene	ND	0.57	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Hexachlorobutadiene	ND	3.0	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Isopropylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
m,p-Xylene	ND	1.1	10		µg/Kg	1	2/11/2006 8:35:00 AM
Methylene chloride	ND	1.9	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
n-Butylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
n-Propylbenzene	ND	2.9	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Naphthalene	ND	2.4	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
o-Xylene	ND	0.45	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
sec-Butylbenzene	ND	2.7	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Styrene	ND	2.6	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
tert-Butylbenzene	ND	3.2	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Tetrachloroethene	ND	2.7	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Toluene	ND	0.30	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
trans-1,2-Dichloroethene	ND	2.3	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Trichloroethene	ND	2.4	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Trichlorofluoromethane	ND	1.7	5.0		µg/Kg	1	2/11/2006 8:35:00 AM
Vinyl chloride	ND	2.5	5.0		µg/Kg	1	2/11/2006 8:35:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interfere
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

Ordered By

Advanced Technology Laboratories
3275 Wallnut Ave.
Signal Hill, CA 90807-

Telephone (562)989-4045
Attn Rachelle Arada

Number of Pages 14
Date Received 02/09/2006
Date Reported 02/16/2006

Job Number	Ordered	Client
28460	02/09/2006	ATL

Project ID: 081780
Project Name:

Enclosed are the results of analyses on 62 samples analyzed as specified on attached chain of custody.

Amolk MOLKY Brar
Laboratory Manager

Rojert G. Araghi
Laboratory Director

American Scientific Laboratories, LLC (ASL), accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:
1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Ave.
Signal Hill, CA 90807-

Telephone: (562)989-4045
Attn: Rachelle Arada

Page: 2
Project ID: 081780
Project Name:

Job Number	Order Date	Client
28460	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164655	164656	164657	164658	164659
Sample ID		081780-001B	081780-002B	081780-003B	081780-004B	081780-005B
Date Sampled		02/07/2006	02/07/2006	02/07/2006	02/07/2006	02/07/2006
Date Extracted		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Preparation Method						
Date Analyzed		02/14/2006	02/14/2006	02/14/2006	02/14/2006	02/14/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Conventionals						
Chromium (VI)	0.500	0.72	ND	ND	ND	ND

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	96	80-120								

AMERICAN SCIENTIFIC LABORATORIES, LLC
Analytical Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-0700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Wallnut Ave.
Signal Hill, CA 90807-

Telephone: (562)989-4045
Attn: Rachelle Arada

Page: 3
Project ID: 081780
Project Name:

Job Number	Order Date	Client
28460	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164660	164661	164662	164663	164664
Sample ID		081780-006B	081780-007B	081780-008B	081780-009B	081780-010B
Date Sampled		02/07/2006	02/07/2006	02/07/2006	02/07/2006	02/07/2006
Date Extracted		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Preparation Method						
Date Analyzed		02/14/2006	02/14/2006	02/14/2006	02/14/2006	02/14/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Conventionals						
Chromium (VI)	0.500	1.00	ND	ND	ND	ND

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	96	80-120								

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 225-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Ave.
Signal Hill, CA 90807-

Telephone: (562)989-4045
Attn: Rachelle Arada
Page: 4
Project ID: 081780
Project Name:

Job Number	Order Date	Client
28460	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164665	164666	164667	164668	164669
Sample ID		081780-011B	081780-012B	081780-013B	081780-014B	081780-015B
Date Sampled		02/07/2006	02/07/2006	02/07/2006	02/07/2006	02/07/2006
Date Extracted		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Preparation Method						
Date Analyzed		02/14/2006	02/14/2006	02/14/2006	02/14/2006	02/14/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Conventionals						
Chromium (VI)	0.500	ND	ND	1.03	ND	4.58

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	96	80-120								

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ANALYTICAL RESULTS

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Telephone: (562)989-4045
Attn: Rachelle Arada
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Project ID: 081780
Project Name:

Job Number	Order Date	Client
28460	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164670	164671	164672	164673	164674
Sample ID		081780-016B	081780-017B	081780-018B	081780-019B	081780-020B
Date Sampled		02/07/2006	02/07/2006	02/07/2006	02/07/2006	02/07/2006
Date Extracted		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Preparation Method						
Date Analyzed		02/14/2006	02/14/2006	02/14/2006	02/14/2006	02/14/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	1.16	1.16	ND	6.03	1.59

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	102	80-120								

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Project ID: 081780
Project Name:

Job Number	Order Date	Client
28460	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164675	164676	164677	164678	164679
Sample ID		081780-021B	081780-022B	081780-023B	081780-024B	081780-025B
Date Sampled		02/07/2006	02/07/2006	02/07/2006	02/07/2006	02/07/2006
Date Extracted		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Preparation Method						
Date Analyzed		02/14/2006	02/14/2006	02/14/2006	02/14/2006	02/14/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Conventionals						
Chromium (VI)	0.500	19.7	ND	40.3	1.46	2380

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	102	80-120								

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Project ID: 081780
Project Name:

Job Number	Order Date	Client
28460	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164680	164681	164682	164683	164684
Sample ID		081780-026B	081780-027B	081780-028B	081780-029B	081780-030B
Date Sampled		02/07/2006	02/07/2006	02/07/2006	02/07/2006	02/07/2006
Date Extracted		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Preparation Method						
Date Analyzed		02/14/2006	02/14/2006	02/14/2006	02/14/2006	02/14/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	4450	18400	212	214	158

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	102	80-120								

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Project ID: 081780
Project Name:

Job Number	Order Date	Client
28460	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164685	164686	164687	164688	164689
Sample ID		081780-031B	081780-032B	081780-033B	081780-034B	081780-035B
Date Sampled		02/07/2006	02/07/2006	02/07/2006	02/07/2006	02/07/2006
Date Extracted		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Preparation Method						
Date Analyzed		02/14/2006	02/14/2006	02/14/2006	02/14/2006	02/14/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Conventionals						
Chromium (VI)	0.500	17800	16.5	55.7	38.4	ND

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	91	80-120								

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Project ID: 081780
Project Name:

Job Number	Order Date	Client
28460	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164690	164691	164692	164693	164694
Sample ID		081780-036B	081780-037B	081780-038B	081780-039B	081780-040B
Date Sampled		02/07/2006	02/07/2006	02/07/2006	02/07/2006	02/07/2006
Date Extracted		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Preparation Method						
Date Analyzed		02/14/2006	02/14/2006	02/14/2006	02/14/2006	02/14/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	ND	1200	1720	87.5	15.5

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	91	80-120								

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Project ID: 081780
Project Name:

Job Number	Order Date	Client
28460	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164695	164696	164697	164698	164699
Sample ID		081780-041B	081780-042B	081780-043B	081780-044B	081780-045B
Date Sampled		02/07/2006	02/07/2006	02/07/2006	02/07/2006	02/07/2006
Date Extracted		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Preparation Method						
Date Analyzed		02/14/2006	02/14/2006	02/14/2006	02/14/2006	02/14/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Conventionals						
Chromium (VI)	0.500	0.51	ND	2490	775	626

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	91	80-120								

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Project ID: 081780
Project Name:

Job Number	Order Date	Client
28460	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164700	164701	164702	164703	164704
Sample ID		081780-046B	081780-047B	081780-048B	081780-049B	081780-050B
Date Sampled		02/07/2006	02/07/2006	02/07/2006	02/07/2006	02/07/2006
Date Extracted		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Preparation Method						
Date Analyzed		02/14/2006	02/14/2006	02/14/2006	02/14/2006	02/14/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Conventionals						
Chromium (VI)	0.500	22.2	8.47	1.27	20.6	15.6

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	94	80-120								

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Project ID: 081780
Project Name:

Job Number	Order Date	Client
28460	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164705	164706	164707	164708	164709
Sample ID		081780-051B	081780-054B	081780-055B	081780-056B	081780-057B
Date Sampled		02/07/2006	02/07/2006	02/07/2006	02/07/2006	02/07/2006
Date Extracted		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Preparation Method						
Date Analyzed		02/14/2006	02/14/2006	02/14/2006	02/14/2006	02/14/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Conventionals						
Chromium (VI)	0.500	ND	ND	2.21	7.00	1.63

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	94	80-120								

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Project ID: 081780
Project Name:

Job Number	Order Date	Client
28460	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164710	164711	164712	164713	164714
Sample ID		081780-058B	081780-059B	081780-060B	081780-061B	081780-062B
Date Sampled		02/07/2006	02/07/2006	02/07/2006	02/07/2006	02/07/2006
Date Extracted		02/13/2006	02/13/2006	02/13/2006	02/13/2006	02/13/2006
Preparation Method						
Date Analyzed		02/14/2006	02/14/2006	02/14/2006	02/14/2006	02/14/2006
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Detection Limit Multiplier		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Conventionals						
Chromium (VI)	0.500	1.79	ND	ND	ND	ND

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	94	80-120								

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Project ID: 081780
Project Name:

Job Number	Order Date	Client
28460	02/09/2006	ATL

Method: 7199, Hexavalent Chromium by Ion Chromatography

Batch No:

Our Lab I.D.		164715	164716			
Sample ID		081780-063B	081780-064B			
Date Sampled		02/07/2006	02/07/2006			
Date Extracted		02/13/2006	02/13/2006			
Preparation Method						
Date Analyzed		02/14/2006	02/14/2006			
Matrix		Soil	Soil			
Units		mg/Kg	mg/Kg			
Detection Limit Multiplier		1	1			
Analytes	**PQL**	**Results**	**Results**			
Conventionals						
Chromium (VI)	0.500	ND	ND			

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit								
Conventionals										
Chromium (VI)	94	80-120								

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Acct #:

QClevel: **RTNE**

08-Feb-06

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: EPA 7199					
081780-001B \ B6-1	Soil		4OZG	1					
081780-002B \ B6-5	Soil	2/7/2006 7:05:00 AM	4OZG	1					
081780-003B \ B6-10	Soil	2/7/2006 7:10:00 AM	4OZG	1					
081780-004B \ B6-15	Soil	2/7/2006 7:15:00 AM	4OZG	1					
081780-005B \ B6-20	Soil	2/7/2006 7:20:00 AM	4OZG	1					
081780-006B \ B6-25	Soil	2/7/2006 7:25:00 AM	4OZG	1					
081780-007B \ B8-1	Soil	2/7/2006 8:00:00 AM	4OZG	1					
081780-008B \ B8-5	Soil	2/7/2006 8:02:00 AM	4OZG	1					
081780-009B \ B8-10	Soil	2/7/2006 8:05:00 AM	4OZG	1					
081780-010B \ B8-15	Soil	2/7/2006 8:10:00 AM	4OZG	1					
081780-011B \ B8-20	Soil	2/7/2006 8:15:00 AM	4OZG	1					
081780-012B \ B8-25	Soil	2/7/2006 8:05:00 AM	4OZG	1					

Comments: Please use PO#: SC00341 Please fax results by: Normal TAT
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Acct #:

QClevel: **RTNE**

08-Feb-06

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: EPA 7199					
081780-013B \ B10-1	Soil	2/7/2006 8:35:00 AM	4OZG	1					
081780-014B \ B10-5	Soil	2/7/2006 8:40:00 AM	4OZG	1					
081780-015B \ B10-15	Soil	2/7/2006 8:42:00 AM	4OZG	1					
081780-016B \ B10-20	Soil	2/7/2006 8:45:00 AM	4OZG	1					
081780-017B \ B10-10	Soil	2/7/2006 8:41:00 AM	4OZG	1					
081780-018B \ B10-25	Soil	2/7/2006 8:50:00 AM	4OZG	1					
081780-019B \ B23-1	Soil	2/7/2006 9:24:00 AM	4OZG	1					
081780-020B \ B23-5	Soil	2/7/2006 9:24:00 AM	4OZG	1					
081780-021B \ B23-10	Soil	2/7/2006 9:30:00 AM	4OZG	1					
081780-022B \ B23-15	Soil	2/7/2006 9:35:00 AM	4OZG	1					
081780-023B \ B23-20	Soil	2/7/2006 9:40:00 AM	4OZG	1					
081780-024B \ B23-25	Soil	2/7/2006 9:45:00 AM	4OZG	1					

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QClevel: **RTNE**

Acct #:

08-Feb-06

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: EPA 7199					
081780-025B \ B22-1	Soil	2/7/2006 9:55:00 AM	4OZG	1					
081780-026B \ B22-5	Soil	2/7/2006 9:57:00 AM	4OZG	1					
081780-027B \ B22-10	Soil	2/7/2006 9:59:00 AM	4OZG	1					
081780-028B \ B22-15	Soil	2/7/2006 10:05:00 AM	4OZG	1					
081780-029B \ B22-20	Soil	2/7/2006 10:10:00 AM	4OZG	1					
081780-030B \ B22-25	Soil	2/7/2006 10:20:00 AM	4OZG	1					
081780-031B \ B21-1	Soil	2/7/2006 10:35:00 AM	4OZG	1					
081780-032B \ B21-5	Soil	2/7/2006 10:38:00 AM	4OZG	1					
081780-033B \ B21-10	Soil	2/7/2006 10:41:00 AM	4OZG	1					
081780-034B \ B21-15	Soil	2/7/2006 10:45:00 AM	4OZG	1					
081780-035B \ B21-20	Soil	2/7/2006 10:50:00 AM	4OZG	1					
081780-036B \ B21-25	Soil	2/7/2006 10:55:00 AM	4OZG	1					

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Acct #:

QClevel: **RTNE**

08-Feb-06

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: EPA 7199					
081780-037B \ B20-1	Soil	2/7/2006 11:00:00 AM	4OZG	1					
081780-038B \ B20-5	Soil	2/7/2006 11:05:00 AM	4OZG	1					
081780-039B \ B20-10	Soil	2/7/2006 11:07:00 AM	4OZG	1					
081780-040B \ B20-15	Soil	2/7/2006 11:10:00 AM	4OZG	1					
081780-041B \ B20-20	Soil	2/7/2006 11:15:00 AM	4OZG	1					
081780-042B \ B20-25	Soil	2/7/2006 11:20:00 AM	4OZG	1					
081780-043B \ B19-1	Soil	2/7/2006 11:32:00 AM	4OZG	1					
081780-044B \ B19-5	Soil	2/7/2006 11:32:00 AM	4OZG	1					
081780-045B \ B19-10	Soil	2/7/2006 11:35:00 AM	4OZG	1					
081780-046B \ B19-15	Soil	2/7/2006 11:40:00 AM	4OZG	1					
081780-047B \ B19-20	Soil	2/7/2006 11:45:00 AM	4OZG	1					
081780-048B \ B19-25	Soil	2/7/2006 11:50:00 AM	4OZG	1					

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TEL: (323) 254-7700
FAX: (323) 254-7799

QClevel: **RTNE**

Acct #:

08-Feb-06

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: EPA 7199					
081780-049B \ B28-1	Soil	2/7/2006 12:20:00 PM	4OZG	1					
081780-050B \ B28-5	Soil	2/7/2006 12:25:00 PM	4OZG	1					
081780-051B \ B28-10	Soil	2/7/2006 12:30:00 PM	4OZG	1					
081780-054B \ B28-25	Soil	2/7/2006 12:45:00 PM	4OZG	1					
081780-055B \ MW2-1	Soil	2/7/2006 8:30:00 AM	4OZG	1					
081780-056B \ MW2-5	Soil	2/7/2006 8:43:00 AM	4OZG	1					
081780-057B \ MW2-10	Soil	2/7/2006 8:53:00 AM	4OZG	1					
081780-058B \ MW2-15	Soil	2/7/2006 9:05:00 AM	4OZG	1					
081780-059B \ MW2-20	Soil	2/7/2006 9:31:00 AM	4OZG	1					
081780-060B \ MW2-25	Soil	2/7/2006 10:02:00 AM	4OZG	1					
081780-061B \ MW2-30	Soil	2/7/2006 10:25:00 AM	4OZG	1					
081780-062B \ MW2-35	Soil	2/7/2006 10:35:00 AM	4OZG	1					

Comments: Please use PO#: SC00341 Please fax results by: Normal TAT
Send report to Rachelle Arada

	Date/Time		Date/Time
Relinquished by:	2/8/06 1800	**Received by:**	
Relinquished by:		**Received by:**	

Advanced Technology Laboratorie
3275 Walnut Avenue
Signal Hill, CA 90755-5225
(562) 989-4045

CHAIN-OF-CUSTODY RECORD

Subcontractor:

American Scientific Laboratory
2520 N. San Fernando Rd.
Los Angeles, CA 90065

TEL: (323) 254-7700
FAX: (323) 254-7799

QClevel: **RTNE**

Acct #:

08-Feb-06

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: EPA 7199					
081780-063B \ MW2-40	Soil	2/7/2006 11:05:00 AM	4OZG	1					
081780-064B \ MW2-45	Soil	2/7/2006 11:30:00 AM	4OZG	1					

Comments: Please use PO#: SC00341 Please fax results by: Normal TAT
Send report to Rachelle Arada

	Date/Time		Date/Time
Relinquished by:	2/8/06 1800	**Received by:**	
Relinquished by:		**Received by:**	

APPENDIX B - SOIL BORING/MONITORING WELL LOGS

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID: LEGEND	BORING LOG STATUS:	PROJECT:

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM:

LOCATION:

BIT TYPE:	HAMMER DATA:	ELEVATION:	TOTAL DEPTH:
DATE — STARTED:	DRILLING AGENCY:		
DATE — COMPLETED:	GEOLOGIST:	GROUNDWATER DEPTH:	TIME: DATE:
FINAL USE:	CREW:		
SURFACE CONDITIONS:			

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0						COB	Cobbles & Boulders	
	G: Bulk, Bag, or Grab Sample					GW	Well-Graded Gravels and Gravel-Sand Mixtures, little or no fines	Concrete
	STP: Standard Penetration Split Spoon Sampler					GP	Poorly-Graded Gravels and Gravel-Sand Mixtures, little or no fines	
5						GM	Silty Gravels, Gravel-Sand-Silt Mixtures	Grout
	CA Mod: California Modified Sampler					GC	Clayey Gravels, Gravel-Sand-Clay Mixtures	
						SW	Well-Graded Sands and Gravelly Sands, little or no fines	Bentonite
	CA: California Sampler					SP	Poorly-Graded Sands and Gravelly Sands, little or no fines	
	ST: Shelby Tube					SM	Silty Sands, Sand-Silt Mixtures	Sand / Filter Pack
						SC	Clayey Sands, Sand-Clay Mixtures	
15						ML	Inorganic Silts, very fine Sands, Rock Flour, Silty or Clayey fine Sands	Transitional Sand
						MH	Inorganic Silts, Micaceous or Diatomaceous fine Sands or Silts, Elastic Silt	
						CL	Inorganic Clays of low to medium plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays	

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
LEGEND		

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE No.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION
						CH	Inorganic Clays of high plasticity, fat Clays
20						OL	Organic Silts and Organic Silty Clays of low plasticity
						OH	Organic Clays of medium to high plasticity
						PT	Peat, Muck and other highly Organic Soils
25						CC	Caliche, Calcareous cement matrix, sometimes combined with other noted lithology, i.e. CC/SS or CC/ML
						SS	Sandstone
						GYP	Gypsum
							CONTACT DESCRIPTIONS:
30							Observed sharp contact
							Observed change within lithologic unit
							Gradational contact
35							Inferred contact, not observed
							Approximate contact
40							

WELL CONSTRUCTION AND COMMENTS

- Casing
- Screen
- Well Centralizer
- Sluff
- Water Level, measured in well (static)
- Water Level, encountered while drilling
- ? Inferred, not observed or density estimated from grab sample

 BORING NO. LEGEND

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
MW-1	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: LAR # 19 (Limited Access Rig) / HSA / 10" x 6-1/4"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA; 3' North of fence at property line and 13' East of projection at East wall of building

BIT TYPE: 10" HSA

HAMMER DATA: Hammer data: 140 lbs (weight); 30 in (drop)

ELEVATION: 445.19'

TOTAL DEPTH: 73'

DATE — STARTED: 09:45 08Feb06 — COMPLETED: 18:15 08Feb06

DRILLING AGENCY: Test America

GEOLOGIST: R Harris

CREW: Armando

FINAL USE: 4" Monitoring Well

GROUNDWATER DEPTH: ~ 45' encountered; 46.34'

TIME: 08:35

DATE: 08 Feb 06; 23 Feb 06

SURFACE CONDITIONS: Asphalt parking lot; slight slope

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0						SM	Asphalt	Flush-mounted 12" diameter steel well vault in 2' x 2' x 2' concrete pad
	SPT	MW1-2	2.3	0.5 0.5 0.5	6 9 9		**Alluvium (Qal)** Silty Sand, fine to medium, brown, 10YR4/3, medium dense, moist to wet, non-calcareous	
						ML	Sandy Silt, with trace clay, fine, brown, 10YR4/3, medium dense, wet (less than saturated), non-calcareous	note: ambient air PID = 0.2 ppm background PID for soil analysis = 0.1 ppm
5	SPT	MW1-5	0.8	0.5 0.5 0.5	10 12 13		- coarse gravel and cobbles to 2" x 6", oblong, observed in bore hole caving 0 to 7'; not present in drive sample	
						SP	Sand, fine to coarse, with occasional 1/4" fine gravel, yellowish brown, 10YR5/4, very dense, moist, non-calcareous	Grout
10	SPT	MW1-10	6.4	0.5 0.5 0.5	20 21 50			Blank Casing, 4" diameter PVC, 0-35'
							Sand, fine to medium, same as above	
15	SPT	MW1-15	8.3	0.5 0.4* *lost with shoe	40 50 ref	SP	Sand, fine to medium, occasional coarse and fine gravel to 1/4", yellowish brown, 10YR5/4, very dense, moist, non-calcareous	
20	SPT	MW1-20	8.5	0.5 0.5 0.5	22 28 47	SP	Sand, fine to medium, occasional coarse, light yellowish brown, 2.5Y6/3, very dense, wet (less than saturated), non-calcareous; note color shift	

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
MW-1	Final	Excello Plating / SC 592-1

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE No.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
25	SPT	MW1-25	8.8	0.4 0.5 0.5	38 50 ref	SP	Sand, fine to coarse, with little fine gravel to 3/8", light yellowish brown, 2.5Y6/4, very dense, moist, non-calcareous	Bentonite Seal
						SP	- becoming coarser with depth Sand, fine to coarse, most medium to coarse, light olive brown, 2.5Y5/4, dense to very dense, moist, non-calcareous	
30	SPT	MW1-30	3.3	0.5 0.5	42 50	GR	Sandy Gravel, fine to 1/2", sand fine to coarse, light olive brown, 2.5Y5/4, very dense, moist driller comment: "gravel in layers between 30 to 35 ft"	Filter Pack, #3 silica sand note: ambient PID = 0.1
35	SPT	MW1-35		0.4 0.1	45 50 ref	SP	Sand, with some gravel, fine to coarse, gravel fine 1/4 to 3/8", light yellowish brown, 2.5Y6/4, very dense, moist, non-calcareous note: lost sample from 1st tube, no sample for PID	Screen, 0.020" slot, 4" diameter PVC, 35-65'
40	SPT	MW1-40	11.4	0.4 0.5	47 50	SP	Sand, with little gravel, fine to coarse, most fine to medium, gravel to 1/2", most 1/4", light yellowish brown, 2.5Y6/4, very dense, moist, non-calcareous - one broken 1/2" gravel, probably coarse gravel, i.e. > 3/4"	
45	SPT	MW1-45	8.8	0.3 0.5	47 50	GR	Sandy Gravel, with trace silt, fine to coarse to 1", sand fine to coarse, most fine to medium, silt ~ 5%, light olive brown, 2.5Y5/4, very dense, free water, non-calcareous driller comment: "break through rocks at 47', gets soft at 47.5' - water?"	~45' enountered, 08 February 2006 46.34', 23 February 2006
50	Grab		8.6			SP/SW	Sand, fine to coarse, with trace fine gravel to 3/4", light olive brown, 2.5Y5/4, medium dense to dense (?), saturated (no free water - but grab sample), non-calcareous	

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
MW-1	Final	Excello Plating / SC 592-1

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE No.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
55	Grab		9.4			SP	Sand, with little gravel, fine to medium with trace coarse, gravel fine to 1/2", most 1/4", dark grayish brown, 10YR4/2, dense to very dense (?), saturated (no free water), non-calcareous note: sample is below water level, but grab sample, so no free water	
60	Grab		11.6			SP	Sand, fine to medium, with trace coarse and trace fine gravel to 3/8", light olive brown, 2.5Y5/3, dense to very dense (?), saturated, free water, non-calcareous	
65	Grab		11.6			SP	Sand, fine to medium, trace coarse, occasional fine gravel to 1/4", silt ~ 1 to 2%, light olive brown, 2.5Y5/4, dense to very dense (?), free water, non-calcareous	bottom plug
70	Grab		11.6			SW	Sand, fine to coarse, with 1 to 2% silt (more than above), light olive brown, 2Y5/3, medium dense to dense (?), free water, non-calcareous	Sluff
75							WELL CONSTRUCTION SUMMARY 73 - 65', Sluff 65 - 35', Screen, 0.020" slot, 4" diameter PVC with O-ring 35 - 0', Blank Casing, 4" diameter PVC with O-ring 65 - 29', Filter Pack, #3 silica sand, 900# = 9 cubic feet 29 - 27', Bentonite Seal, 3/8" chips 27 - 2', Grout, "Grout Well"	total depth = 73'
80								

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
MW-2	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: LAR # 19 (Limited Access Rig) / HAS / 10" x 6-1/4"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA

BIT TYPE: 10" HSA

HAMMER DATA: Hammer data: 140 lbs (weight); 32 in (drop)

ELEVATION: 446.37'

TOTAL DEPTH: 71'

DATE — STARTED: 07Feb06 — COMPLETED: 09:00 08Feb06

DRILLING AGENCY: Test America

GEOLOGIST: K Durand

CREW: Armando

FINAL USE: 4" Monitoring Well

SURFACE CONDITIONS: 6" concrete

GROUNDWATER DEPTH:	TIME:	DATE:
49.2' g.s	11:45	07 Feb 2006
48.75' g.s.	19:00	07 Feb 2006
47.45'	11:05	23 Feb 2006

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0							Concrete	Flush-mounted 12" diameter steel well vault in 2' x 2' x 2' concrete pad
	SPT	MW2-1	5.9		11 16 17	SM	**Alluvium (Qal)** Silty Sand, fine, dark brown, 10YR3/3, dense, moist, no odor	Grout
						SM	Silty Sand, fine, with gravel up to 2", dark yellowish brown, 10YR4/4, dense, moist, no odor	
5	SPT	MW2-5	15.6		18 18 22			
						SC	Clayey Sand, fine, dark yellowish brown, 10YR3/4, moist, very dense, no odor	
10	SPT	MW2-10	16.7		25 30 31			Blank Casing, 4" diameter PVC
						SP	Sand, with gravel up to 1", poorly graded sand, dark yellowish brown, 10YR4/4, very dense, no odor	
15	SPT	MW2-15	15.2		19 22 29			
						SP	Sand, fine to medium, brown, 10YR4/3, very dense, moist, no odor	
20	SPT	MW2-20	13.5		15 25 50			

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
MW-2	Final	Excello Plating / SC 592-1

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE No.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
						SP	Sand, poorly graded with grains up to 1/4" (5%), brown, 10YR4/3, very dense, moist, no odor	
25	SPT	MW2-25	12.4		16 45 50			
30	SPT	MW2-30	13.0		50 50 50	SP	Sand, same as above	Bentonite Chip Seal
						SP	Sand, fine, with fine gravel up to 1/2", dark yellowish brown, 10YR4/4, very dense, damp, no odor	Filter Pack, #3 silica sand, 33-69'
35	SPT	MW2-35	5.1		30 31 50			
						SP	Sand, fine to medium, with 5% 1/4" gravel, dark yellowish brown, 10YR4/4, very dense	
40	SPT	MW2-40	17.1		41 50 50			Screen, 0.020" slot, 4" diameter PVC, 39-69'
45	SPT	MW2-45			40 50 50	SP	Sand, same as above	47.45' 23 Feb 2006
						SP	Sand, medium to coarse, with 1/4 to 1/2" gravel, brown, 10YR4/3, dense, saturated	49.2' encountered 07 Feb 2006
50	Grab							

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
MW-2	Final	Excello Plating / SC 592-1

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE No.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
55								
60	Grab					SP	Sand, medium, with rounded 1/4 to 3/4" gravel, dark yellowish brown, 10YR3/4, dense, saturated	
65	Grab					SP	Sand, same as above	
70								bottom plug Sluff + Filter Pack total depth = 71'
75							WELL CONSTRUCTION SUMMARY 71 - 69', Sluff + Filter Pack 69 - 39', Screen, 0.020" slot, 4" diameter PVC with O-ring 39 - 0', Blank Casing, 4" diameter PVC with O-ring 69 - 33', Filter Pack, #3 silica sand, 1200#, 12 cubic ft 33 - 30', Bentonite Chip Seal, 100#, 1.4 cubic ft 30 - 2', Grout Well, bentonite + cement, 200#, 13.3 cubic ft 2 - 0', Well Vault		
80								

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
MW-3	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: LAR # 19 (Limited Access Rig) / HSA / 10" x 6-1/4"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA

BIT TYPE: 10" HSA

HAMMER DATA: Hammer data: 140 lbs (weight); 30 in (drop)

ELEVATION: 446.57'

TOTAL DEPTH: 70'

DATE — STARTED: 06 Feb 06 — COMPLETED: 07 Feb 06

DRILLING AGENCY: Test America

GEOLOGIST: K Durand

CREW: Armando, Tony

FINAL USE: 4" Monitoring Well

SURFACE CONDITIONS: 6" concrete

GROUNDWATER DEPTH:	TIME:	DATE:
~47.5' encountered	14:00	06 Feb 2006
48.58 TOC	09:30	08 Feb 2006
47.40' TOC	11:50	23 Feb 2006

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0							Concrete, 6"	12" diameter flush mount steel well vault in 2' x 2' x 2' concrete pad
	SPT	MW3-1	1.0	4 6 6	11 16 17	SP	**Alluvium (Qal)** Sand, fine to medium, dark yellowish brown, 10YR4/4, dense, dry, no odor	Grout
5	SPT	MW3-5	1.6	3 6 6	18 12 20	SW	Sand, fine to coarse, gravel fine to coarse up to 1", yellowish brown, 10YR5/4, dense, damp, no odor	
10	SPT	MW3-10	0.5	6 6 6	9 17 28	SP	Sand, fine to medium, light yellowish brown, 10YR6/4, dense, damp, non-calcareous, no odor	Blank Casing, 4" diameter PVC
15	SPT	MW3-15	2.2	4 6 6	16 18 25	SM	Silty Sand, fine, dark yellowish brown, 10YR4/6, dense, damp, no odor	
20	SPT	MW3-20	0.4	6 6 6	17 20 28	SP	Sand, fine to medium, dark yellowish brown, 10YR4/4, dense, damp, no odor	

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
MW-3	Final	Excello Plating / SC 592-1

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE No.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
						SM	Silty Sand, fine to medium, with some silt, dark yellowish brown, 10YR4/4, very dense, moist, no odor	
25	SPT	MW3-25	2.5	3 6 6	13 25 35			
						SP	Sand, medium, yellowish brown, 10YR5/6, very dense, moist, no odor driller said he was "hitting rocks"	Bentonite Chip Seal
30	*	MW3-30	0.2	1 6	15/3 (ref)			
						GP	Gravel and Cobble, cobbles up to 4"	
						SP	Sand, medium to coarse, with 10% angular fine to coarse gravel up to 1", dark yellowish brown, 10YR4/4, very dense, no odor	Filter Pack, #3 silica sand, 33-69'
35	*	MW3-35	2.2	6 6	58+ (ref)			
						GP	Gravel (layer), rounded, up to 3"	
						SP	Sand, fine, strong brown, 7.5YR4/6, very dense, moist, no odor	
40	*	MW3-40	0.8	1 6	50/6 (ref)			Screen, 0.020" slot, 4" diameter PVC, 39-69'
						SP	Sand, fine, with little silt, brown, 7.5YR4/4, very dense, moist, no odor	
45	SPT	MW3-45	2.8		25 50			47.40' 23 Feb 2006 47.5' encountered 06 Feb 2006
						SP	Sand, medium to coarse, brown, 7.5YR4/4, very dense, saturated, no odor	
50	SPT			6 6 6	19 36 37			

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
MW-3	Final	Excello Plating / SC 592-1

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE No.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
						SP	Sand, medium to coarse, with fine to coarse gravel up to 1", brown, 10YR5/3, saturated, no odor	
55	Grab							
60	Grab					SP	Sand, same as above	
						SP	Sand, coarse, with rounded gravel, brown, 10YR5/3, saturated, no odor	bottom plug
65	Grab							
70								total depth = 70'
	* SPT						WELL CONSTRUCTION SUMMARY 69 - 70', Sluff 69 - 39', Screen, 0.020" slot, 4" diameter PVC with O-ring 39 - 0', Blank Casing, 4" diameter PVC with O-ring 69 - 30', Filter Pack, # silica sand, 1000#, 10 cubic ft 30 - 27', Bentonite Chip Seal, 100#, 1.4 cubic ft 27 - 2', Grout Well, bentonite + cement, 13.3 cubic ft 2 - 0', Well Vault	
75								
80								

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B2	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA; 11' East of back (West) wall & 10' North of berm; inside building

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 08:45 06Feb06 — COMPLETED: 09:45 06Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Cored concrete floor, rough, corroded

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B2-1	6.2	1/2			Concrete	note: ambient PID = 0.5 at 09:05 background PID for soil analysis = 0.1 ppm
							Fill	
						SM	Sandy Silt, fine, dark brown, 10YR3/3, soft (loose), damp, non-calcareous	
							Alluvium (Qal)	
5	Push	B2-5	4.0	1/2			- silt decreasing Silty Sand, fine to medium, brown, 10YR4/3, medium dense, damp to moist, very slightly calcareous	Grouted with a bentonite slurry of 40# granulated bentonite and approximately 3 gallons of water at 14:45 on 06 February 2006.
						SP	Sand, with little silt, fine, yellowish brown, 10YR5/4, medium dense, moist, non-calcareous	
10	Push	B2-10	1.6	1.2/2			Sandy Silt, fine, yellowish brown, 10YR5/4, stiff (medium dense), moist, non-calcareous	
15	Push	B2-15	0.5	0.7/2		SM	Silty Sand, fine, dark yellowish brown, 10YR4/4, medium dense, moist, non-calcareous	
20	Push	B2-20	0.3	1.1/2		SM	Silty Sand, fine to coarse, light yellowish brown, 10YR6/4, medium dense, moist, non-calcareous - silt decreasing with depth from 19 to 21'	
						SP	Sand, with trace to little silt, fine to coarse, pale brown, 10YR6/3, medium dense, damp to moist, non-calcareous	
25	Push	B2-25	0.5	1.2/2				total depth = 26'
30								

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B5	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA; 12' North of berm & 6' West of berm, also ~ 18' East of West wall

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 14:00 06Feb06 — COMPLETED: 14:30 06Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane, Mike

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Concrete floor within small bermed area

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B5-1	1.9	1.7/2		SM	Concrete	
						SP	Fill: Silty Sand, fine, very dark grayish brown, 10YR3/3, loose, wet, non-calcareous; very silty, nearly ML	
5	Push	B5-5	5.5	1.0/2			Alluvium (Qal): Silty Sand, same, but less silt and dark yellowish brown, 10YR4/4	Grouted with a bentonite slurry of 40# granulated bentonite and approximately 3 gallons of water at 14:35 on 06 February 2006.
						SM	Sand, with little silt, fine to medium, yellowish brown, 10YR5/4, loose to medium dense, damp, non-calcareous	
10	Push	B5-10	2.1	0.85/2			Silty Sand, fine, dark yellowish brown, 10YR4/4, medium dense, damp to moist, non-calcareous	
15	Push	B5-15	3.2	0.85/2		ML	Silt, with fine sand, dark yellowish brown, 10YR3/4, medium dense, moist, non-calcareous	note: ambient PID = 0.3 ppm at 14:30
						SM	Silty Sand, fine, brown, 10YR4/3, medium dense, moist, non-calcareous	
20	Push	B5-20	1.5	1.35/2				
						SP	Sand, with some silt, fine to medium, brownish yellow, 10YR6/6, loose, damp, non-calcareous	
25	Push	B5-25	0.2	1.3/2				
30								total depth = 26'

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B6	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 07:00 07Feb06 — COMPLETED: 07:30 07Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Concrete floor, corroded

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B6-1		1.9/2		SM	Concrete	
						SP/SM	**Fill** — Silty Sand, fine, with rare medium and coarse, dark brown, 10YR3/3, loose, moist, non-calcareous	
5	Push	B6-5		1.15/2		SP	**Alluvium (Qal)** — Sand, with some silt, fine, with little medium and coarse, yellowish brown, 10YR5/4, loose, damp, non-calcareous - at 4', silt increases	Grouted with a bentonite slurry of 40# granulated bentonite and two to three gallons of water at 07:40 on 07 February 2006.
						SM	Sand, fine to coarse, with rare fine 1/4" gravel, yellowish brown, 10YR5/6, loose, damp, non-calcareous	
10	Push	B6-10		1.1/2			Silty Sand, fine, dark brown, 10YR3/3, loose to medium dense, damp, non-calcareous	
15	Push	B6-15		1.0/2		SM	Silty Sand, fine, dark brown, 10YR3/3, medium dense, moist, non-calcareous	
20	Push	B6-20		1.2/2		SP	Sand, with little to some silt, fine to medium sand, light yellowish brown, 10YR6/4, medium dense, damp, non-calcareous	
25	Push	B6-25		0.3/2		SP	Sand, fine, with trace silt, light yellowish brown, 10YR6/4, loose to medium dense, damp, non-calcareous	
30								total depth = 26'

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B8	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 08:00 07Feb06 — COMPLETED: 08:30 07Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Concrete floor

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B8-1		1.8/2		SM	Concrete	
						SP	**Fill** Silty Sand, fine to medium, dark brown, 10YR3/3, loose, moist, very slightly calcareous	
						SP	**Alluvium (Qal)** Sand, fine, with trace medium, dark yellowish brown, 10YR4/4, loose, damp, non-calcareous	
5	Push	B8-5		1.0/2				Grouted with a bentonite slurry of 40# granulated bentonite and three gallons of water; pumped down the hole.
						SM	Sand, with trace silt, fine to medium, occasional coarse, light yellowish brown, 10YR6/4, loose, damp, non-calcareous	
10	Push	B8-10		1.2/2			Silty Sand, fine (just less than 50% silt), dark yellowish brown, 10YR4/4, loose to medium dense, damp, non-calcareous	
						SM	Silty Sand, fine to medium, with trace coarse and rare fine gravel, brown, 7.5YR4/4, medium dense, damp to moist, non-calcareous	
15	Push	B8-15		1.2/2				
						SM	Silty Sand, fine (~50:50), yellowish brown, 10YR5/4, medium dense, damp, non-calcareous	
20	Push	B8-20		1.2/2				
25	Push	B8-25		1.1/2		SP	Sand, fine, light yellowish brown, 10YR6/4, medium dense, damp, non-calcareous	total depth = 26'
30								

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B10	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 08:35 07Feb06 — COMPLETED: 09:00 07Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Concrete floor, etched and corroded

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B10-1		1.7		SP / SM	Concrete **Alluvium (Qal)** Sand, fine to medium, with trace coarse and trace silt, very dark grayish brown, 10YR3/2, loose, moist, very slightly calcareous	
5	Push	B10-5		1.1		SP	Silty Sand, fine, trace medium, dark yellowish brown, 10YR4/4. loose, moist, non-calcareous Sand, fine to medium, trace coarse, yellowish brown, 10YR5/4, loose, damp, non-calcareous	Grouted with a bentonite slurry of 40# granulated bentonite and two to three gallons of water at 09:00 on 07 February 2006; pumped down hole.
10	Push	B10-10		1.0		ML	note: depth of contact above and below inferred by driller Silt, with fine sand, dark brown, 7.5YR3/3, soft, damp, non-calcareous	
15	Push	B10-15		1.1		SM	Silty Sand, with trace clay, fine, dark grayish brown, 10YR4/2, medium dense, moist, non-calcareous	
20	Push	B10-20		1.3		GC / SP	Clayey Sandy Gravel, (decomposed granite), gravel fine to 1/2" sand fine to coarse, 15% clay and silt, brown, 10YR5/3, dense, moist, non-calcareous Sand, fine, with occasional coarse, yellowish brown, 10YR5/4, medium dense, damp, non-calcareous	
25	Push	B10-25		1.1		SP	Sand, fine to coarse, with trace silt, very pale brown, 10YR7/3, medium dense, damp, non-calcareous	total depth = 26'
30								

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B14	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA; 2' South of bermed floor drain

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 13:15 06Feb06 — COMPLETED: 14:00 06Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane, Mike

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Concrete floor, main floor out of containment berms

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B14-1	0.6	1.6/2		SM	Concrete **Alluvium (Qal)** Silty Sand, fine, very dark grayish brown, 10YR3/2, loose, moist, slightly to highly calcareous	Grouted with a bentonite slurry of 40# granulated bentonite and two gallons of water at 14:00 on 06 February 2006.
5	Push	B14-5	0.9	0.7/2		SP	Silty Sand, fine, with trace medium, brown, 10YR4/3, loose, moist, non-calcareous Sand, fine to coarse, with little fine gravel to 1/2", yellowish brown, 10YR5/6, loose to medium dense, damp, non-calcareous	background for PID soil analysis = 0.1 ppm
10	Push	B14-10	0.1	1.0/2		SM	- 3/4" gravel at ~9.5' Silty Sand, fine, brown, 10YR4/3, loose, moist, non-calcareous	
15	Push	B14-15	0.1	1.0/2		SM SP SM	Silty Sand, fine, dark yellowish brown, 10YR4/4, loose, to medium dense, damp, moist, non-calcareous Gravel in SP at 15.5', light gray, ~ 2" wide zone with SM above and below	
20	Push	B14-20	0.1	1.3/2		SP	Silty Sand, same as above Sand, fine, pale brown, 10YR6/3, loose, damp, non-calcareous	
25	Push	B14-25	0.2	1.3/2		SP	- same SP as below but color is very pale brown, 10YR7/4 Sand, with trace silt, fine to coarse, yellowish brown, 10YR5/4, loose, damp, non-calcareous	total depth = 26'
30								

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B15	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA; 18' North of berm & 4' East of berm

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 09:45 06Feb06 — COMPLETED: 10:25 06Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Concrete floor in containment area; concrete corroded

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B15-1	1.5	1.7/2		SM	Concrete **Fill** Silty Sand, fine to trace medium, brown, 10YR4/3, loose, moist, non-calcareous	ambient PID = 0.5 at 08:50 ambient PID = 0.8 at 09:55 background PID for soil analysis = 0.1 ppm
5	Push	B15-5	0.4	1.0/2		SP	**Alluvium (Qal)** Sand, fine to medium and trace coarse, with little silt, dark yellowish brown, 10YR4/6, medium dense, moist, non-calcareous	
						SP	Sand, fine, with little silt, same as above	Grouted with a bentonite slurry of 40# granulated bentonite and two gallons of water at 14:30 on 06 February 2006.
10	Push	B15-10	0.9	1.1/2		SM	Silty Sand, fine, dark yellowish brown, 10YR4/4, medium dense, moist, non-calcareous	
15	Push	B15-15	0.1	1.0/2		SM	- silt increasing Silty Sand, fine to medium, rare coarse, yellowish brown, 10YR5/6, medium dense to dense, moist, non-calcareous	ambient PID = 0.3
20	Push	B15-20	0.3	1.35/2		SM	Silty Sand, fine, yellowish brown, 10YR5/6, medium dense, damp - silt decreasing	
25	Push	B15-25		1.4/2		SP/SM	Sand, fine to coarse, with silt and with trace fine 1/4" gravel, light gray, 2.5Y7/1, medium dense, dry to damp, non-calcareous	total depth = 26'
30								

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B16	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA; 23' West of East wall & 24' North of South berm (also 3' South of North berm)

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 11:05 06Feb06 — COMPLETED: 11:30 06Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane, Mike

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Corroded concrete floor within bermed containment area

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B16-1	0.2	1.0/2			Concrete	
						SP	**Fill** Sand, fine to medium, with little silt, very dark brown, 10YR2/2, loose, moist, slightly calcareous	Grouted with a bentonite slurry of 40# granulated bentonite and two to three gallons of water at 14:50 on 06 February 2006.
5	Push	B16-5	0.4	0.9/2		SP	**Alluvium (Qal)** Sand, fine, occasional medium, with trace to little silt, loose, moist (< above), non-calcareous Sand, fine to medium, with occasional coarse and rare fine 1/4" gravel, very pale brown, 10YR7/3, loose, damp, non-calcareous; looks like fill - silt increasing at top of 9' sample	
10	Push	B16-10	1.6	1.1/2		SM	Silty Sand, fine, dark brown, 10YR3/3, loose to medium dense, moist, non-calcareous	
						SM	Silty Sand, fine to coarse, with little fine gravel to 3/4", brown, 7.5YR4/4, moist, non-calcareous	
15	Push	B16-15	1.4	1.0/2		SM	Silty Sand, fine, brown, 7.5YR4/4, loose to medium dense, moist, non-calcareous - fine 1/2" gravel at ~ 15'	
20	Push	B16-20	0.8	0.6/2		SM	Silty Sand, fine, with little medium, yellowish brown, 10YR5/6, loose, damp, non-calcareous	
25	Push	B16-25	0.5	1.5/2		SP	Sand, fine to coarse, with little silt, gray, 10YR6/1, dense to poorly indurated, moist, non-calcareous; probable decomposed weathered granodiorite rock crumples sample tube to total 1.5' length	
30								total depth = 26'

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B17	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA; 18' North of South Berm & 5' West of East wall

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 11:55 06Feb06 — COMPLETED: 12:30 06Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane, Mike

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Corroded concrete floor

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B17-1	0.8	1.7/2			Concrete	
						SM	**Fill**: Silty Sand, fine, very dark grayish brown, 10YR3/2, loose, moist, non-calcareous	Grouted with a bentonite slurry of 40# granulated bentonite and two to three gallons of water at 15:00 on 06 February 2006.
						SP	**Alluvium (Qal)**: Silty Sand, fine, trace medium, brown, 10YR4/3, loose, moist (< above), non-calcareous	
5	Push	B17-5	0.2	1.5/2			Sand, fine to coarse, with trace silt, light yellowish brown, 10YR6/4, loose, damp to moist, non-calcareous - light colored 4" zone at ~ 5.5'	
						SP	Sand, fine, with some silt, yellowish brown, 10YR5/4. medium dense, damp, non-calcareous	
10	Push	B17-10	0.1	0.9/2		SM	Silty Sand, fine, dark brown, 10YR3/3, loose to medium dense, moist, non-calcareous	
						SM	- silt increasing Silty Sand, fine, brown, 10YR4/3, medium dense, moist, non-calcareous	
15	Push	B17-15	0.1	0.95/2		SM	Silty Sand, fine to medium, with trace coarse, dark yellowish brown, 10YR4/4, medium dense, damp to moist, non-calcareous	
20	Push	B17-20	0.2	1.1/2			- silt decreasing	
						SP	Sand, fine to coarse, with fine gravel to 3/4", light yellowish brown, 10YR6/4, medium dense, moist, non-calcareous	
25	Push	B17-25	0.2	1.1/2		SP	Sand, with little silt and some fine gravel to 1/4", very pale brown, 10YR7/3, medium dense to dense, damp, non-calcareous	
30								total depth = 26'

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B18	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA; 17' North of berm & 6' West of East wall

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 10:30 06Feb06 — COMPLETED: 11:05 06Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane, Mike

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Corroded concrete floor

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B18-1	NR	1.0/2		SM / SP	Concrete **Fill** Silty Sand, fine, dark brown, 10YR3/3, loose, moist, non-calcareous	Grouted with a bentonite slurry of 40# granulated bentonite and three gallons of water at 14:50 on 06 February 2006.
5	Push	B18-5	0.3	0.9/2		SP	**Alluvium (Qal)** Sand, fine to medium, with trace coarse and rare fine 1/4" gravel, brown, 10YR4/3, loose to medium dense, moist, non-calcareous; one 3/4" gravel, decomposed granodiorite, non-calcareous Sand, fine to coarse, with trace silt, pale brown, 10YR6/3, loose, dry to damp, non-calcareous - silt increasing at 9'	background PID for soil analysis = 0.1 ppm
10	Push	B18-10	0.9	1.1/2		SM SM/ML	Silty Sand, fine, rare medium, dark yellowish brown, 10YR4/4, loose, damp Silty Sand / Sandy Silt, fine, dark yellowish brown, 10YR3/4, loose to medium dense, moist, non-calcareous	ambient PID = 0.6 at 10:50
15	Push	B18-15	0.1	0.8/2		SM	- silt decreasing at 15' Silty Sand, fine, brown, 10YR4/3, medium dense, moist, non-calcareous	
20	Push	B18-20	0.7	NR		SP SP	Sand, fine, with little to some silt, yellowish brown, 10YR5/4, loose, damp to moist, non-calcareous note: color change between 20 to 24' Sand, fine, with little to some silt, dark yellowish brown, 10YR4/4, medium dense, moist, non-calcareous	
25	Push	B18-25	2.5	1.35/2		SP	Sand, fine to coarse, with trace silt, pale brown, 10YR6/3, loose, damp, non-calcareous	total depth = 26'
30								

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B19	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 11:35 07Feb06 — COMPLETED: 11:50 07Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane, Mike

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Concrete floor, corroded and etched

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B19-1	0.5	1.8/2		SM / SP	Concrete; Fill: Silty Sand, fine, very dark grayish brown, 10YR3/2, loose, moist, non-calcareous	Grouted with a bentonite slurry of 40# granulated bentonite and three gallons of water at 11:50 on 07 February 2006.
						SP	Alluvium (Qal): Sand, fine to medium, with trace coarse, with little silt, brown, 7.5YR5/3, loose, damp, non-calcareous	
5	Push	B19-5	0.8	0.9/2			Sand, fine to coarse, most fine to medium, olive yellow, 2.5Y6/8, loose, damp, non-calcareous	background PID for soil analysis = 0.1 ppm
						SM	Silty Sand, fine (40:60), light olive brown, 2.5Y5/4, medium dense, damp, non-calcareous	
10	Push	B19-10	1.7	1.0/2				
						SM	Silty Sand, fine, 15 to 20% silt, brown, 7.5YR5/4, medium dense, damp, non-calcareous	ambient PID = 0.4 at 11:40
15	Push	B19-15	1.3	1.15/2				
						SM	Silty Sand, fine, with trace medium, pale yellow, 2.5Y8/4, medium dense, damp, non-calcareous; cored a granite/diorite cobble at 20.9'	
20	Push	B19-20	1.1	1.1/2				
						SP	Sand, fine, with trace medium and coarse, with some silt, brown, 10YR5/3, medium dense, moist, non-calcareous	
25	Push	B19-25	1.5	1.0/2				
								total depth = 26'
30								

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B20	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 11:00 07Feb06 — COMPLETED: 11:20 07Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane, Mike

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Concrete floor, corroded and etched

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B20-1	0.7	1.7/2		SM/ML	Concrete	
						SM	**Fill** Silty Sand, fine, dark brown, 10YR3/3, loose, wet, moderately to highly calcareous mixed with: Sandy Silt, fine, with trace clay, pale olive, 5Y6/3, soft, saturated, very slightly calcareous	Grouted with a bentonite slurry of 40# granulated bentonite and three gallons of water on 07 February 2006.
5	Push	B20-5	0.4	1.1/2		SP	**Alluvium (Qal)** Silty Sand, fine, trace medium, dark brown, 7.5YR3/4, loose, damp, non-calcareous	
						SM	Sand, fine to coarse, most fine to medium, olive yellow, 2.5Y6/6, loose, damp, non-calcareous	
10	Push	B20-10	0.5	1.1/2			Silty Sand, fine (~40:60), dark yellowish brown, 10YR4/4, loose, damp, non-calcareous	
15	Push	B20-15	0.7	1.2/2		SP	Sand, fine with rare medium and coarse, with trace to little silt, brown, 7.5YR4/4, medium dense, damp, non-calcareous	
20	Push	B20-20	0.7	1.2/2		SP	Sand, fine to medium, with little coarse, pale yellow, 2.5Y7/3, medium dense, damp, non-calcareous	
25	Push	B20-25	0.2	1.1/2		SP	Sand, fine to coarse, most fine, with occasional 1/2 to 3/4" fine gravel, pale yellow, 2.5Y7/3, medium dense, damp, non-calcareous	
30								total depth = 26'

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B21	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 10:35 07Feb06 — COMPLETED: 10:55 07Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane, Mike

FINAL USE: Grouted

SURFACE CONDITIONS: Concrete floor

GROUNDWATER DEPTH: none encountered

TIME:

DATE:

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B21-1	1.0	1.8/2		SM	Concrete **Fill** Silty Sand, fine with trace medium, very dark brown, 10YR2/2, loose, saturated, free water, non-calcareous	Grouted with a bentonite slurry of 40# granulated bentonite and three gallons of water at 10:55 on 07 February 2006.
						SP		
						SP	Silty Sand, same, but dark brown, 10YR3/3, damp	
5	Push	B21-5	0.8	0.8/2			**Alluvium (Qal)** Sand, fine, with occasional coarse sand and fine 1/4" gravel, brown, 10YR4/3, loose, damp, non-calcareous	ambient PID = 0.3 ppm
						SM/ML	Sand, fine to medium, with trace coarse, pale brown, 10YR6/3, loose, damp, non-calcareous	
10	Push	B21-10	0.3	1.3/2			Sandy Silt, fine (~50:50), dark brown, 7.5YR3/4, soft to medium stiff, damp to moist, non-calcareous	
						SP	Sand, fine, with trace silt, brown, 7.5YR4/4, loose to medium dense, damp, non-calcareous	
15	Push	B21-15	0.8	1.3/2				
						SP/SW	Sand, fine to coarse, with rare 1/4" fine gravel, brown, 10YR5/3, medium dense to dense, non-calcareous (looks like decomposed granite)	
20	Push	B21-20	0.5	1.2/2				
						SP	Sand, fine to coarse, very pale brown, 10YR7/3, medium dense, damp, non-calcareous	
25	Push	B21-25	0.6	1.3/2				total depth = 26'
30								

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B22	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 09:55 07Feb06 — COMPLETED: 10:20 07Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane, Mike

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Concrete floor, etched and corroded

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B22-1		2.0/2		SP	Concrete	
							Fill: Sand, fine, with silt, very dark brown, 10YR2/2, loose, moist, non-calcareous to very slightly calcareous	Grouted with a bentonite slurry of 40# granulated bentonite and three gallons of water at 10:20 on 07 February 2006.
5	Push	B22-5		0.9/2		SP	**Alluvium (Qal)**: Sand, fine, with some silt, (< above), dark brown, 10YR3/3, loose, damp, non-calcareous	ambient PID = 0.3 ppm
							Sand, fine to medium, brown, 7.5YR4/4 (redder than other browns), loose, damp, non-calcareous	
						SM	Silty Sand, fine (~50:50), brown, 7.5YR4/4, loose, damp, non-calcareous	
10	Push	B22-10		1.4/2				
						SP/SW	Sand, fine to coarse, very pale brown, 10YR7/3, loose, damp, non-calcareous	
15	Push	B22-15		1.3/2				
20	Push	B22-20		1.3/2		SP/SW	Sand, fine to coarse, very pale brown, 10YR7/4, loose, damp, non-calcareous	
						SP	Sand, fine to coarse, with trace gravel to 1/2", light yellowish brown, 10YR6/4, medium dense, damp, non-calcareous	
25	Push	B22-25		0.5/2				
30								total depth = 26'

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B23	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 09:24 07Feb06 — COMPLETED: 09:50 07Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane, Mike

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Concrete floor, etched and corroded

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B23-1		1.8/2		SM	Concrete	
						SP	**Fill** — Silty Sand, fine, trace medium, dark brown, 10YR3/3, loose, moist, slightly calcareous	Grouted with a bentonite slurry of 40# granulated bentonite and three gallons of water at 09:50 on 07 February 2006.
5	Push	B23-5		0.1/2		SP/SW	**Alluvium (Qal)** — Sand, with little silt, fine, dark brown, 7.5YR3/3, loose, moist, non-calcareous	
							Sand, fine to coarse, with occasional fine 1/4" gravel, loose, damp, non-calcareous	
10	Push	B23-10		0.7/2		ML	Sandy Silt, fine (~50:50), brown, 7.5YR4/3, medium stiff, moist, non-calcareous	
						SM	- sand increasing Silty Sand, (same as above), fine, brown, 7.5YR4/3, loose, moist, non-calcareous	
15	Push	B23-15		1.2/2		SP	Sand, fine to medium, with trace coarse, brownish yellow, 10YR6/6, loose, damp, non-calcareous; has look of decomposed granite	
20	Push	B23-20		1.3/2		SP	Sand, fine to medium, with trace coarse, light yellowish brown, 10YR6/4, medium dense, damp, non-calcareous	
						SP	Sand, fine to medium, with little coarse and trace silt, very pale brown, 10YR7/3, loose to medium dense, damp, non-calcareous	
25	Push	B23-25		1.2/2				
								total depth = 26'
30								

LOG OF CORE BORING

Ceres Associates — Sustaining Environments Worldwide

BORING ID:	BORING LOG STATUS:	PROJECT:
B28	Final	Excello Plating / SC 592-1

MFG. DESIGNATION OF DRILL / METHOD / SYSTEM: GEOPROBE 6600 / Direct Push / 1-1/2"

LOCATION: 4057 Goodwin Avenue, Los Angeles, CA; East of building

BIT TYPE: 1-1/2" diameter

HAMMER DATA: N/A

ELEVATION: ~ 446.5'

TOTAL DEPTH: 26'

DATE — STARTED: 12:20 07Feb06 — COMPLETED: 12:45 07Feb06

DRILLING AGENCY: Vironex

GEOLOGIST: R Harris

CREW: Shane, Mike

FINAL USE: Grouted

GROUNDWATER DEPTH: none encountered — TIME: — DATE:

SURFACE CONDITIONS: Asphalt landing / parking area

DIST. FROM SURF.	SAMPLE TYPE & INTERVAL	SAMPLE NO.	PID/ FID ppm	RECOVERY	Blows/6"	GRAPHIC LOG	LOG OF FORMATION	WELL CONSTRUCTION AND COMMENTS
0	Push	B28-1	1.3	1.8/2		SM	Asphalt	
							Alluvium (Qal) Silty Sand, fine to medium, occasional coarse, dark brown, 10YR3/3, loose, moist, very slightly calcareous	Grouted with a bentonite slurry of 40# granulated bentonite and three gallons of water at 12:50 on 07 February 2006.
5	Push	B28-5	2.8	0.85/2		SM	Silty Sand, fine, with rare coarse sand and fine 1/4" gravel, dark grayish brown, 10YR4/2, medium dense, moist, non-calcareous	ambient PID = 0.4 ppm at rig background PID for soil analysis = 0.1 ppm
						SP	Sand, fine to medium, with occasional coarse sand and rare fine 1/4" gravel, yellowish brown, 10YR5/6, medium dense, damp, non-calcareous	
10	Push	B28-10	0.5	1.0/2				
						SP	Sand, fine to medium, with trace silt, light yellowish brown, 10YR6/4, medium dense, damp, non-calcareous	
15	Push	B28-15	5	1.3/2				
						SP	Sand, fine, with some silt, yellowish brown, 10YR5/6, medium dense, damp to moist, non-calcareous	
20	Push	B28-20	4.0	1.1/2				
							Sand, fine, with some silt, as above	
25	Push	B28-25	2.5	1.3/2		SP	Sand, fine to coarse, with trace fine gravel to 3/8", pale brown, 10YR6/3, medium dense, damp to moist, non-calcareous	total depth = 26'
30								

APPENDIX C. SAMPLE EVENT DATA SHEETS

Ceres Associates **Sustaining Environment Worldwide**

Monitoring Well Sample Event Data Sheet

Project Number: SC592-1	Location: 4057 Goodwin Avenue, Los Angeles , California	
Sample Event: Initial Sampling	Date: February 23, 2006	Sampler: David A. Jonas

Note: All measurements are taken from the top of the well casing. Note: 2" = 0.17 gal/ft., 4" = 0.66 gal/ft., 6" = 1.5 gal/ft.

Monitoring Well Location: MW1		Diameter (in): 4			Pump Start Time: 0839
Product Depth (ft):		Water Column (ft): 18.21			Pump Stop Time: 1049
Groundwater Depth (ft): 46.34		Casing Volume (gal): 12.02			Sample Time: 1416
Measured Well Depth (ft): 64.55		Total Purge Volume (gal): 36.06			Sample Depth (ft): 46.35
Casing Volume	Temperature	pH	Conductivity	Turbidity	Field Notes
1	20.0	6.34	1020	334	Very slow recharge
2	20.0	6.51	1010	125	
3	19.9	6.88	1010	24	

Monitoring Well Location: MW2		Diameter (in): 4			Pump Start Time: 1107
Product Depth (ft):		Water Column (ft): 21.55			Pump Stop Time: 1136
Groundwater Depth (ft): 47.45		Casing Volume (gal): 14.22			Sample Time: 1445
Measured Well Depth (ft): 69.00		Total Purge Volume (gal): 42.66			Sample Depth (ft): 47.73
Casing Volume	Temperature	pH	Conductivity	Turbidity	Field Notes
1	19.6	6.71	1020	45	
2	19.6	6.67	1020	14	
3	19.9	6.62	1010	6	

Monitoring Well Location: MW3		Diameter (in): 4			Pump Start Time: 1154
Product Depth (ft):		Water Column (ft): 21.6			Pump Stop Time: 1246
Groundwater Depth (ft): 47.40		Casing Volume (gal): 14.26			Sample Time: 1517
Measured Well Depth (ft): 69.00		Total Purge Volume (gal): 42.78			Sample Depth (ft): 47.40
Casing Volume	Temperature	pH	Conductivity	Turbidity	Field Notes
1	19.9	6.74	1020	637	
2	20.0	6.80	1040	37	
3	20.2	6.77	1030	22	

APPENDIX B: HEALTH AND SAFETY PLAN

SITE HEALTH & SAFETY PLAN

EXCELLO PLATING FACILITY
4057 Goodwin Avenue
Los Angeles, CA 90039

Prepared By:

James Kapin, MPH, CIH, REA
Advanced Chemical Safety
7563 Convoy Court
San Diego, CA 92111
(858) 874-5577
FAX (858)874-8239

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Section 1 - Emergency Information

Contaminants of Concern: Plating chemicals, corrosives, heavy metals, cyanide solutions.

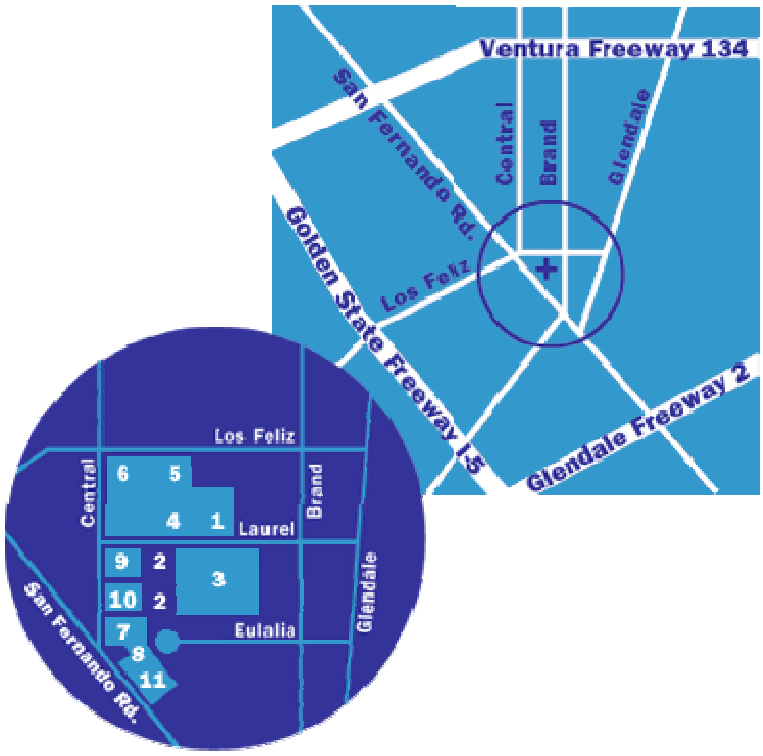
Minimum Level of Protection: Level D

Site Location	Excello Plating 4057 Goodwin Avenue Los Angeles, CA 90039
Contact Information	
Ken Durand **CERES Associates**	(310) 791-8699 - Office (310) 941-0851 - Cell
David Jonas **CERES Associates**	(310) 791-8699 - Office (310) 386-5517 - Cell
EMERGENCY PHONE NUMBERS	
Fire/Ambulance/Police	9-1-1
Poison Control:	(800) 876-4766
Hospital:	Glendale Memorial Hospital and Health Center 1420 South Central Avenue, Los Angeles, CA 91204 (818) 502-2344 (Emergency Room)

FIRST AID FOR CORROSIVE EMERGENCIES

- Ingestion: DO NOT INDUCE VOMITING. Call Poison Control; follow instructions. Administer CPR, if necessary. Seek medical attention.
- Inhalation: Remove person from contaminated environment. DO NOT ENTER A CONFINED SPACE TO RESCUE SOMEONE WHO HAS BEEN OVERCOME UNLESS PROPERLY EQUIPPED AND A STANDBY PERSON IS PRESENT. Administer CPR if necessary. Seek medical attention.
- Skin Contact: Brush off dry material, remove wet or contaminated clothing. Flush skin thoroughly with water. Seek medical attention if irritation persists. Rescuers/Responders must wear appropriate PPE (as described in Section
- Eye Contact: Flush eyes with water for 15 minutes. Seek medical attention.
- Contingency Plan: Report incident to Project Manager and Health and Safety Manager after emergency procedures have been implemented.

HOSPITAL LOCATION MAP



Emergency Room is location #4

Hospital Directions:

1: Start out going EAST on GOODWIN AVE toward BRUNSWICK AVE. (0.1 miles)
2: Turn RIGHT onto ALGER ST.(0.2 miles)
3: Turn LEFT onto CHEVY CHASE DR. (0.2 miles)
4: Turn RIGHT onto SAN FERNANDO RD. (0.3 miles)
5: Turn LEFT onto W LOS FELIZ RD. (0.1 miles)
6: Turn RIGHT onto S CENTRAL AVE. (0.1 miles)
7: End at Glendale Memorial Hospital

Hospital Information:

Name - Glendale Memorial Hospital and Health Center
Address - 1420 South Central Avenue
City, State - Los Angeles, CA 91204
Phone - (818) 502-2344 (Emergency Room)

Section 2 - Site Description

The site is the former location of Excello Plating, located at 4057 Goodwin Avenue in Los Angeles, California. The site operated as a plating shop for many years. It consists of one large building, oriented north to south. The majority of site activities will take place in the middle section of the facility, which houses the former plating lines, associated tanks and metal finishing operations.

Site activities will consist of:

- Concrete Cutting and Coring
- Hand and Power Drilling and
- Installation of Test Wells

It is also possible (although not likely) that site workers will be required to pump, absorb or otherwise handle contaminated or low pH groundwater.

Surrounding properties are generally industrial, including a large grocery distribution center immediately north of the property and businesses east and west of the property. South of the property, across Goodwin, is a residential neighborhood. The closest residence is approximately 1000 feet from work operations.

Chemicals of concern are possible heavy metal contamination (chrome, nickel) as well as possible cyanide contamination. The chemicals of concern generally have limited volatility. The most significant potential route of exposure will be through dermal contact. Inhalation of mists is also a potential route of exposure when pumping or handling bulk liquids.

The primary focus of the Health and Safety Plan (HASP) is to prevent injuries to site workers. All work will be conducted per 29 CFR 1910.120 and 8 CCR 5192, including provision of adequate light and access to potable water as well as other issues addressed below. This HASP will also include measures to reduce or eliminate the possibility of an off-site release of any of the materials being handled. In all cases, all work at the Excello site will comply with all applicable federal, state and local requirements.

Section 3 - ORGANIZATIONAL STRUCTURE

This chapter of the Health and Safety Plan describes lines of authority, responsibility, and communication as they pertain to health and safety functions at this site. The purpose of this chapter is to identify the personnel who impact the development and implementation of the site health and safety plan and to describe their roles and responsibilities. This chapter also identifies other contractors and subcontractors involved in work operations and establishes the lines of communication among them for safety and health matters.

The organizational structure of this site's safety and health program is consistent with OSHA requirements in 29 CFR 1910.120(b)(2) and 8 CCR 5192(b)(2) and provides the following site-specific information:

- the general supervisor who has the responsibility and authority to direct all hazardous waste operations
- the site safety and health officer who has the responsibility and authority to develop and implement this HASP and verify compliance
- other personnel needed for hazardous waste operations and emergency response and their general functions and responsibilities
- the lines of authority, responsibility, and communication for safety and health functions

This section is reviewed and updated as necessary to reflect the current organizational structure at this site.

3. 1. Roles and Responsibilities

All personnel and visitors on this site must comply with the requirements of this HASP. The specific responsibilities and authority of management, safety and health, and other personnel on this site are detailed in the following paragraphs. A site organizational chart illustrating the hierarchy of personnel and lines of communication within this company and with additional contractors on site is found in Figure 1-1.

Project Manager (PM)

The Project Manager (PM) for this site is Ken Durand. The PM has responsibility and authority to direct all work operations. The PM coordinates safety and health functions with the Site Safety and Health Officer (SSHO), has the authority to oversee and monitor the performance of the SSHO, and bears ultimate responsibility for the proper implementation of this HASP. The specific duties of the PM are:

- Preparing and coordinating the site work plan; providing site supervisor(s) with work assignments and overseeing their performance.
- Coordinating safety and health efforts with the SSHO; ensuring effective emergency response through coordination with the Emergency Response Coordinator (ERC);
- Serving as primary site liaison with public agencies and officials and site contractors.
- The qualified alternate Project Manager (PM) for this site is David Jonas.

Site Safety and Health Officer (SSHO)

The Site Safety and Health Officer (SSHO) for this site is David Jonas. The SSHO has full responsibility and authority to develop and implement this HASP and to verify compliance. The SSHO reports to the Project Manager. The SSHO is on site or readily accessible to the site during all work operations and has the authority to halt site work if unsafe conditions are detected. The specific responsibilities of the SSHO are:

- Managing the safety and health functions on this site; serving as the site's point of contact for safety and health matters;
- Ensuring site monitoring, worker training, and effective selection and use of PPE; assessing site conditions for unsafe acts and conditions and providing corrective action; assisting the

preparation and review of this HASP; maintaining effective safety and health records as described in this HASP; coordinating with the Emergency Response Coordinator (ERC), Site Supervisor(s), and others as necessary for safety and health efforts.

- The qualified alternate Site Safety and Health Officer (SSHO) for this site is Ken Durand.

Emergency Response Coordinator (ERC)

The Emergency Response Coordinator (ERC) for this site is Ken Durand. The ERC is responsible for assessing site conditions and directing and controlling emergency response activities in accordance with the Site Emergency Response Plan. The ERC reports to the Project Manager (PM). The ERC will ensure the evacuation, emergency transport, and treatment of site personnel and will notify the appropriate emergency response units and management staff in accordance with the emergency response plan of this HASP. Specific duties of the ERC include:

- Developing and reviewing the emergency response plan; conducting emergency response rehearsals; ensuring effective emergency response to and evacuation of the site; coordinating emergency response functions with the Site Safety and Health Officer (SSHO), and integrating site emergency response plans with the disaster, fire, and/or emergency response plans of local, state, and federal organizations and agencies.
- The qualified alternate Emergency Response Coordinator (ERC) for this site is David Jonas.

Site Supervisor

The Site Supervisor for this site is David Jonas. The Site Supervisor is responsible for field operations and reports to the Project Manager (PM). The Site Supervisor ensures the implementation of the HASP requirements and procedures in the field. The specific responsibilities of the Site Supervisor are:

- Executing the work plan and schedule as detailed by the PM; coordination with the Site Safety and Health Officer (SSHO) on safety and health; ensuring site work compliance with the requirements of this HASP.

Site Workers

Site workers are responsible for complying with this HASP, using the proper PPE, reporting unsafe acts and conditions, and following the work and safety and health instructions of the Project Manager (PM), Site Safety and Health Officer (SSHO), and Site Supervisor.

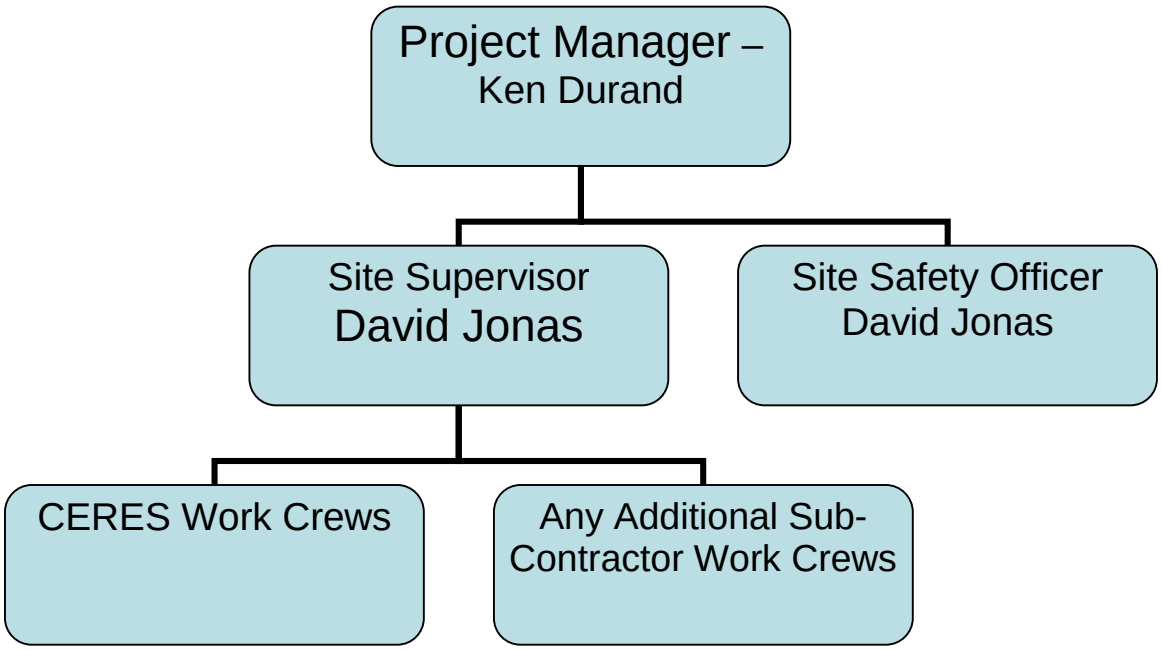
3. 2. Identification of Other Site Contractor and Sub-Contractors

No additional contractors or sub-contractors are planned for this project. If other contractors and subcontractors do perform work on this site, they will be listed in the table below. Safety and health lines of communication with these contractors are illustrated in Figure 1-1.

Company	Function
TestAmerica	Monitoring Well Installation
Vironex	Geoprobe installation
LynMar	Concrete Coring

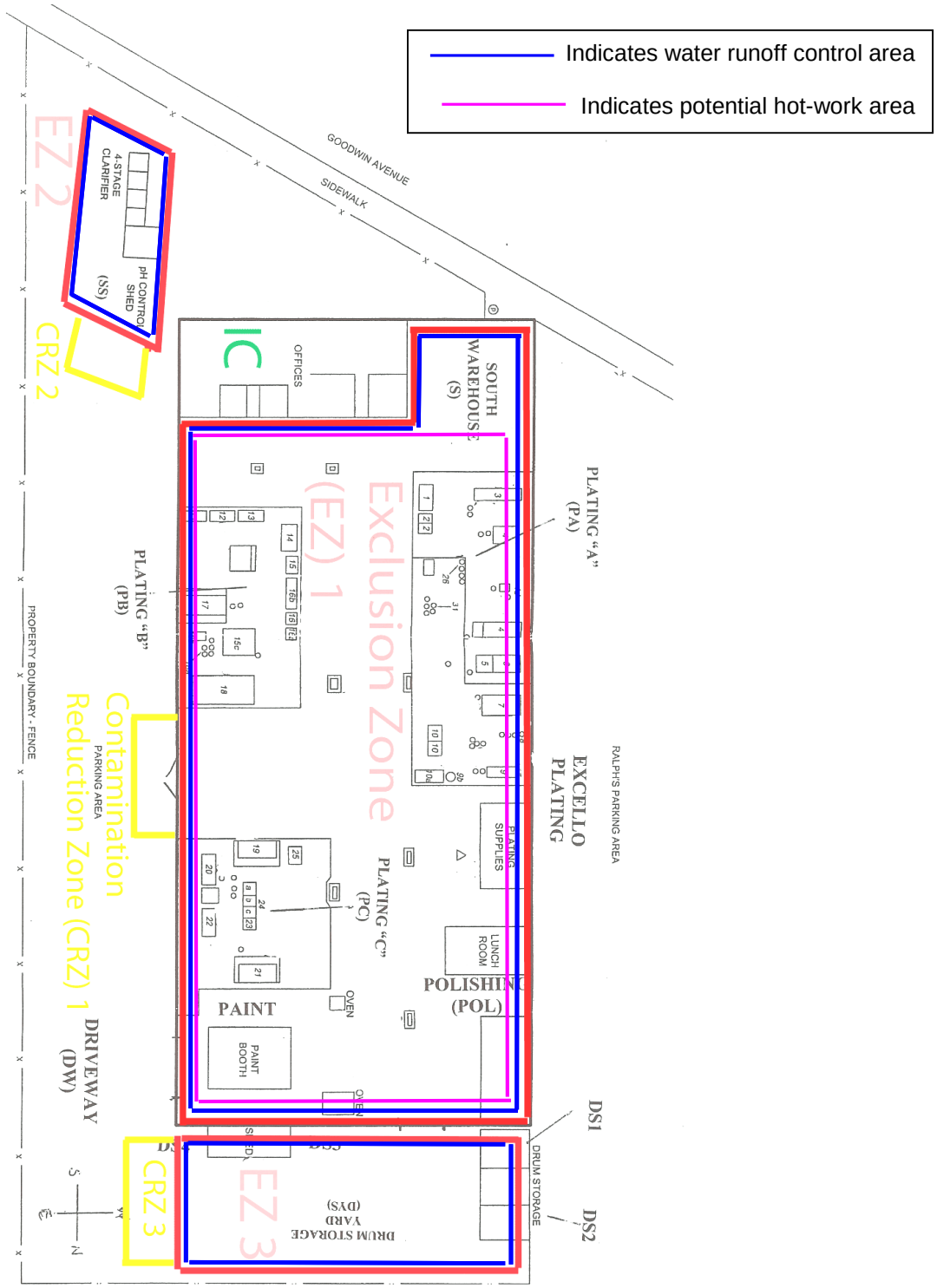
3. 3. Organization Chart

Figure 1-1 Organizational Chart (available on site)



3. 4. Excello PlatingSite Map

Insert site map here, showing control zones, key work locations, fire-safe areas for hot work, Locations of emergency equipment and supplies and other relevant information



Section 4 - Job Hazard Analysis

This chapter of the HASP describes the safety and health hazards associated with site work and the control measures selected to protect workers. The purpose of a job hazard analysis (JHA) is to identify the health and safety hazards associated with each site task and operation, and to evaluate the risks to workers. Using this information, appropriate control methods are selected to eliminate or control the identified risks.

The person responsible for ongoing job hazard analysis at this site is James Kapin.

4. 1. Job Hazard Analysis

Each site-specific JHA appears as a separate table below. Each JHA lists a task or operation required during site clean-up and the location(s) where that task or operation is performed. A single JHA may be used for a task/operation performed in multiple locations if the hazards, potential exposures, and controls are the same in each location.

Each JHA lists the chemical hazards associated with that task and their known or anticipated airborne concentrations during performance of the task. Each JHA also identifies anticipated physical and biological hazards and potential exposure levels or the likelihood of exposure. The final section of each JHA lists the control measures implemented to protect employees from exposure to the identified hazards. The information provided here is designed to satisfy the job hazard analysis requirements of 1910.120(b)(4)(ii)(A) and 8 CCR 5192 (b)(4) as well as the workplace hazard assessment requirements of 1910.132(d) and 8 CCR 3380.

Health hazard information for all chemical substance identified in site JHAs appears in hazard data sheets attached to this chapter. The primary chemicals of concern are:

- Chromium and Chromium compounds
- Cyanide Salts

These chemical substances were identified through preliminary sampling as well as from typical operations at an industrial plating facility. This list will be updated, and sampling methods and PPE recommendations will be revised, if necessary.

James Kapin will modify site-specific JHAs and the accompanying data sheets when:

- the scope of work is changed by adding, eliminating, or modifying tasks
- new methods of performing site tasks are selected
- observation of the performance of site tasks results in a revised characterization of the hazards
- new chemical, biological, or physical hazards are identified
- exposure data indicate changes in the concentration and/or likelihood of exposure
- new/different control measures are selected

When JHAs are modified, related provisions in other chapters of this HASP are modified as needed.

4. 2. Employee Notification of Hazards and Overall Site Information Program

The information in the JHAs and the attached data sheets is made available to all employees who could be affected. The person responsible for providing site information, this HASP, and any modifications to the HASP to other contractors and subcontractors working on this site is: James Kapin. Modifications to JHAs and the accompanying data sheets are communicated during routine briefings.

Consistent with paragraph (i) of HAZWOPER, other contractors and subcontractors will be informed about the nature and level of hazardous substances at this site, and the likely degree of exposure to workers who participate in site activities, prior to the time they begin their work activities.

Site-Specific Job Hazard Analysis		
Phase	**Task/Operation**	**Location Where Task/Operation Performed**
Site Characterization	Concrete Coring and Cutting	Various locations inside and exterior to the building
Date: 1/30/06	**JHA Created by:**	James Kapin, MPH, CIH, REA

Chemical Hazards

Chemical Name	Source	Expected Concentration	Exposure Limit
Corrosives, metals, cyanide solutions.	Surface contamination	negligible	NA
Dust and particulate	Coring activities	negligible	3 mg/m3 (respirable), 10 mg/m3 (inhalable)

Physical Hazards

Type of Hazard	Source	Likelihood	Exposure Limit
Corrosives - Storage and Use	Mis-handling or breakage of containers during lab packing operations	Unlikely	NA
Material Handling	Containers to be packed, materials to be moved, packaged	Likely	NA
Machinery Hazards	Pumping equipment	Likely	NA
Construction Hazards	Hand tools, power tools	Likely	NA

Control Measures Used:

Work Practices: Workers will keep their work area clean and orderly with adequate organization to prevent errors or mistakes.
The following work practices will be followed to minimize material handling risks:
1.Use a mechanical lifting device or a lifting aid where appropriate, 2. If you must lift, plan the lift before doing it. 3. Check your route for clearance. 4. Bend at the knees and use leg muscles when lifting. 5. Use the buddy system when lifting heavy or awkward objects. 6. Do not twist your body while lifting.

The following practices will be followed to minimize chemicals exposures:
1.All work will be conducted in well ventilated areas. 2. Minimize contact and contact time with chemicals and gases. 3. Avoid walking through discolored areas, puddles, leaning on drums, or contacting anything that is likely to be contaminated. 4. Do not eat, drink, smoke and/or apply cosmetics in the hot or warm zones. 5. Use appropriate PPE.

Workers will follow "Construction Safety Precautions" (see below) when working with hand and power tools

Level of PPE	Workers will wear Level D clothing when coring and cutting. This will consist of sturdy work shoes, disposable tyvek-type coverall with integral boots, work gloves, hardhat and safety glasses or similar eye protection. Hearing protection will be used as needed.
Upgrade PPE When:	PPE will be upgraded as necessary to protect against dermal contact (splash hazard) or inhalation. If uncontained corrosive liquids are encountered, workers will wear clothing as described for bulk chemical handling below. If air monitoring shows inhalation exposures greater than 1/2 of the "Threshold Limit Value" (TLV) established by the American Conference of Governmental Hygienists (ACGIH) for the most toxic chemical being handled, appropriate respiratory protective equipment will worn.
Downgrade PPE When:	The PPE above represents the minimum level of PPE for this operation.

Construction Safety Precautions **Hazard**	**Control**
Noise	1. Wear hearing protection when equipment such as a jackhammer, cut saw, air compressor, blower or other heavy equipment is operating on the site. 2. Wear hearing protection whenever you need to raise your voice above normal conversational speech due to a loud noise source; this much noise indicates the need for protection.
Electric Shock	1. Maintain appropriate distance from overhead utilities; 20-foot minimum clearance from power lines required, 10-foot minimum clearance from shielded power lines. 2. Use ground-fault circuit interrupters as required. 3. Perform lockout/tagout procedures (Section 14). 4. Use three-pronged plugs and extension cords. 5. Contact your local underground utility-locating service. 6. Follow code requirements for electrical installations in hazardous locations.
Physical Injury	1. Wear hard hats and safety glasses when on site. 2. Maintain visual contact with the equipment operator and wear orange safety vest when heavy equipment is used on site. 3. Avoid loose-fitting clothing. 4. Prevent slips, trips and falls; keep work area uncluttered. 5. Keep your hands away from moving parts.
Ladders	1. Make sure ladder rungs are sturdy and free of cracks. 2. Use ladders with secure safety feet. 3. Pitch ladders at a 4:1 ratio. 4. Secure ladders at the top when possible. 5. Use non-conductive ladders near electrical wires.
Fire Control	1. Smoke only in designated areas. 2. Keep flammable liquids in closed containers. 3. Keep site clean; avoid accumulating combustible debris such as paper. 4. Follow Hot Work Safety Procedures when welding or performing other activities requiring an open flame. 5. Isolate flammable and combustible materials from ignition sources. 6. Ensure fire safety integrity of equipment installations.
Welding & Cutting	1. Conduct fire safety evaluation. 2. Complete Hot Work Permit (Appendix N). 3. Follow JSA guidelines for hot work in Appendix N. 3. Ensure flammable materials are protected from hot work, sources of ignition. 4. Ensure fire watch/fire extinguisher is on standby by hot work location.
Cleaning Equipment	1. Wear appropriate PPE to avoid skin and eye contact with chemicals and cleaning materials. 2. Stand upwind to minimize any potential inhalation exposure. 3. Dispose of spent cleaning solutions and rinses accordingly.
First aid kit, emergency eye wash station, fire extinguisher and absorbent pads will be located on-site.	

Site-Specific Job Hazard Analysis		
Phase	**Task/Operation**	**Location Where Task/Operation Performed**
Site Characterization	Hand and Power Drilling	Various locations inside and exterior to the building
Date: 1/30/06	**JHA Created by:**	James Kapin, MPH, CIH, REA

Chemical Hazards

Chemical Name	Source	Expected Concentration	Exposure Limit
Corrosives, metals, cyanide solutions.	Surface contamination	negligible	NA
Dust and particulate	Drilling activities	negligible	3 mg/m3 (respirable), 10 mg/m3 (inhalable)

Physical Hazards

Type of Hazard	Source	Likelihood	Exposure Limit
Corrosives - Storage and Use	Mis-handling or breakage of containers during lab packing operations	Unlikely	NA
Material Handling	Containers to be packed, materials to be moved, packaged	Likely	NA
Machinery Hazards	Pumping equipment	Likely	NA
Construction Hazards	Hand tools, power tools	Likely	NA

Control Measures Used:

Work Practices: Workers will keep their work area clean and orderly with adequate organization to prevent errors or mistakes.
The following work practices will be followed to minimize material handling risks:
1.Use a mechanical lifting device or a lifting aid where appropriate, 2. If you must lift, plan the lift before doing it. 3. Check your route for clearance. 4. Bend at the knees and use leg muscles when lifting. 5. Use the buddy system when lifting heavy or awkward objects. 6. Do not twist your body while lifting.

The following practices will be followed to minimize chemicals exposures:
1.All work will be conducted in well ventilated areas. 2. Minimize contact and contact time with chemicals and gases. 3. Avoid walking through discolored areas, puddles, leaning on drums, or contacting anything that is likely to be contaminated. 4. Do not eat, drink, smoke and/or apply cosmetics in the hot or warm zones. 5. Use appropriate PPE.

Workers will follow "Construction Safety Precautions" (see above) when working with hand and power tools

Level of PPE	Workers will wear Level D clothing when drilling. This will consist of sturdy work shoes, disposable tyvek-type coverall with integral boots, work gloves, hardhat and safety glasses or similar eye protection. Hearing protection will be used as needed.
Upgrade PPE When:	PPE will be upgraded as necessary to protect against dermal contact (splash hazard) or inhalation. If uncontained corrosive liquids are encountered, workers will wear clothing as described for bulk chemical handling below. If air monitoring shows inhalation exposures greater than 1/2 of the "Threshold Limit Value" (TLV) established by the American Conference of Governmental Hygienists (ACGIH) for the most toxic chemical being handled, appropriate respiratory protective equipment will worn.
Downgrade PPE When:	The PPE above represents the minimum level of PPE for this operation.

Site-Specific Job Hazard Analysis		
Phase	**Task/Operation**	**Location Where Task/Operation Performed**
Site Characterization	Installation of Test Wells	Various locations inside and exterior to the building
Date: 1/30/06	**JHA Created by:**	James Kapin, MPH, CIH, REA

Chemical Hazards

Chemical Name	Source	Expected Concentration	Exposure Limit
Corrosives, metals, cyanide solutions.	Surface contamination	negligible	NA

Physical Hazards

Type of Hazard	Source	Likelihood	Exposure Limit
Corrosives - Storage and Use	Mis-handling or breakage of containers during lab packing operations	Unlikely	NA
Material Handling	Containers to be packed, materials to be moved, packaged	Likely	NA
Machinery Hazards	Pumping equipment	Likely	NA
Construction Hazards	Hand tools, power tools	Likely	NA

Control Measures Used:

Work Practices: Workers will keep their work area clean and orderly with adequate organization to prevent errors or mistakes.
The following work practices will be followed to minimize material handling risks:
1.Use a mechanical lifting device or a lifting aid where appropriate, 2. If you must lift, plan the lift before doing it. 3. Check your route for clearance. 4. Bend at the knees and use leg muscles when lifting. 5. Use the buddy system when lifting heavy or awkward objects. 6. Do not twist your body while lifting.

The following practices will be followed to minimize chemicals exposures:
1.All work will be conducted in well ventilated areas. 2. Minimize contact and contact time with chemicals and gases. 3. Avoid walking through discolored areas, puddles, leaning on drums, or contacting anything that is likely to be contaminated. 4. Do not eat, drink, smoke and/or apply cosmetics in the hot or warm zones. 5. Use appropriate PPE.

Workers will follow "Construction Safety Precautions" (see above) when working with hand and power tools

Level of PPE	Workers will wear Level D clothing when installing wells. This will consist of sturdy work shoes, disposable tyvek-type coverall with integral boots, work gloves, hardhat and safety glasses or similar eye protection. Hearing protection will be used as needed.
Upgrade PPE When:	PPE will be upgraded as necessary to protect against dermal contact (splash hazard) or inhalation. If uncontained corrosive liquids are encountered, workers will wear clothing as described for bulk chemical handling below. If air monitoring shows inhalation exposures greater than 1/2 of the "Threshold Limit Value" (TLV) established by the American Conference of Governmental Hygienists (ACGIH) for the most toxic chemical being handled, appropriate respiratory protective equipment will worn.
Downgrade PPE When:	The PPE above represents the minimum level of PPE for this operation.

Site-Specific Job Hazard Analysis		
Phase	**Task/Operation**	**Location Where Task/Operation Performed**
Site Characterization	Chemical Bulking/Containerization (if needed)	Various, as needed
Date: 10/13/05	**JHA Created by:**	**James Kapin, MPH, CIH, REA**

Chemical Hazards

Chemical Name	Source	Expected Concentration	Exposure Limit
Corrosives, metals, cyanide solutions.	Splashes, spills or other leakage while handling bulk chemical or contaminated groundwater	negligible	NA

Physical Hazards

Type of Hazard	Source	Likelihood	Exposure Limit
Corrosives - Storage and Use	Mis-handling, spills or release during pumping operations	Unlikely	NA
Housekeeping	Prior conditions of the site	Likely	NA
Material Handling	Containers to be packed	Likely	NA
Machinery Hazards	Pumping equipment	Likely	NA

Control Measures Used:

Work Practices: Workers will keep their work area clean and orderly with adequate organization to prevent errors or mistakes.
If handling of bulk chemical or contaminated groundwater is required, the following work practices will be followed to minimize material handling risks:
1.Use a mechanical lifting device or a lifting aid where appropriate, 2. If you must lift, plan the lift before doing it. 3. Check your route for clearance. 4. Bend at the knees and use leg muscles when lifting. 5. Use the buddy system when lifting heavy or awkward objects. 6.Do not twist your body while lifting.

The following practices will be followed when handling chemicals or contaminated groundwater to minimize exposures:
1.All work will be conducted in well ventilated areas, where possible, workers will stand up-wind of any open containers, vents. etc..2. When pumping, all hose couplings will be wired or clipped closed and wrapped with appropriate absorbent material to prevent spray or mists. 3. All pumping operations will be conducted within appropriate secondary containment to prevent release of bulk materials. 4. Workers will minimize contact and contact time with chemicals and gases. 5 .Avoid walking through discolored areas, puddles, leaning on drums, or contacting anything that is likely to be contaminated. 6.Do not eat, drink, smoke and/or apply cosmetics in the hot or warm zones. 7. Use appropriate PPE. 8. All materials to be pumped or bulked will be tested for compatibility prior to pumping or bulking. 9. When pumping or bulking a given hazard class, tanks or containers of all other hazard classes will be covered with plastic sheeting or similar. 10. Prior to pumping or bulking liquids any liquids, pH will be verified.

Level of PPE	Workers will wear Level C chemically protective clothing when including a 1/2 face Air Purifying Respirator (APR) with a multi-purpose vapor/particulate cartridge, similar to the Scott 7422-SDI cartridge. Attire will consist of sturdy work shoes, disposable, coated tyvek-type coverall with integral boots, surgical type nitrile gloves and safety goggles. When working with corrosive liquids, workers will wear chemically resistant over-boots, chemically resistant gloves, a splash apron over their tyvek suit and a face shield over goggles, rather than safety glasses.
Upgrade PPE When:	PPE will be upgraded as necessary to protect against dermal contact (splash hazard) or inhalation. If additional splash protection is required, workers will wear chemically impervious suits, similar to a Kappler CPF3 garment. If air monitoring shows inhalation exposures greater than 5 times the "Threshold Limit Value" (TLV) established by the American Conference of Governmental Hygienists (ACGIH) for the most toxic chemical being handled, workers will wear a pressure-demand type SCBA for the duration of that operation.
Downgrade PPE When:	The PPE above represents the minimum level of PPE for this operation.

CHEMICAL IDENTIFICATION							
Chemical Name:	Chromium and Chromium Compounds	**CAS #:**	7440-47-3	**UN No**	1759	**Formula:**	Cr
Synonyms:	Chrome, Chromium	**Description:**	Appearance and odor vary depending upon the specific compound..				

PHYSICAL PROPERTIES							
BP:	4788ºF	**MW:**	52.0	**LEL:**	NA	**NFPA Fire Rating:**	NA
FRZ/MLT:	MLT: 3452ºF	**VP:**	0 mmHg (approx)	**UEL:**	NA	**NFPA Health Rating:**	NA
Fl.P:	NA	**VD:**	NA			**NFPA Reactivity Rating:**	NA
Sp. Gr.:	7.14	**IP:**	NA			**NFPA Sp. Inst.:**	NA

EXPOSURE GUIDELINES						
OSHA		**NIOSH**		**ACGIH**		**Related Information**
PEL-TWA ppm:	NA	REL-TWA ppm:	NA	TLV-TWA ppm:	NA	AIHA Emergency Response Planning Guidelines (ERPGs):
PEL-TWA mg/m3:	1 (Cr)	REL-TWA mg/m3:	0.5	TLV-TWA mg/m3:	0.05	EPRG-1/EPRG-2/EPRG3: NA
PEL-TWA mg/m3:	0.5 (CrII, CrIII)	REL-TWA mg/m3:	0.001 (Cr VI)	TLV-TWA mg/m3:	0.01 (Cr VI)	
PEL-STEL ppm:	NA	REL-STEL ppm:	NA	TLV-STEL ppm:	NA	
PEL-STEL mg/m3:	NA	REL-STEL mg/m3:	NA	TLV-STEL mg/m3:	NA	
PEL-C ppm:	NA	REL-C ppm:	NA	TLV-C ppm:	NA	
PEL-C mg/m3:	0.1 (Cr VI)	REL-C mg/m3:	NA	TLV-C mg/m3:	NA	
Skin Notation:		Skin Notation:		Skin Notation:		Carcinogen Classifications:
IDLH ppm: NA		IDLH mg/m3: 15				IARC-1,NIOSH - Ca, NTP TLV-A1

HEALTH INFORMATION

Symptoms: sensitization dermatitis
Health Effects: cumulative lung damage; dermatitis
Target Organ: eyes, skin, respiratory system

EMERGENCY RESPONSE INFORMATION (see next page)

First Aid:
EYES: First check the victim for contact lenses and remove if present. Flush victim's eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or poison control center. Do not put any ointments, oils, or medication in the victim's eyes without specific instructions from a physician. IMMEDIATELY transport the victim after flushing eyes to a hospital even if no symptoms (such as redness or irritation) develop.
SKIN: IMMEDIATELY flood affected skin with water while removing and isolating all contaminated clothing. Gently wash all affected skin areas thoroughly with soap and water. If symptoms such as redness or irritation develop, IMMEDIATELY call a physician and be prepared to transport the victim to a hospital for treatment.
INHALATION: IMMEDIATELY leave the contaminated area; take deep breaths of fresh air. IMMEDIATELY call a physician and be prepared to transport the victim to a hospital even if no symptoms (such as wheezing, coughing, shortness of Breathing, or burning in the mouth, throat, or chest) develop. Provide proper respiratory protection to rescuers entering an unknown atmosphere. Whenever possible, Self-Contained Breathing Apparatus (SCBA) should be used; if not available, use a level of protection greater than or equal to that advised under Protective Clothing.
INGESTION: Some heavy metals are VERY TOXIC POISONS, especially if their salts are very soluble in water (e.g., lead, chromium, mercury, bismuth, osmium, and arsenic). IMMEDIATELY call a hospital or poison control center and locate activated charcoal, egg whites, or milk in case the medical advisor recommends administering one of them. Also locate Ipecac syrup or a glass of salt water in case the medical advisor recommends inducing vomiting. Usually, this is NOT RECOMMENDED outside of a physician's care.
If advice from a physician is not readily available and the victim is conscious and not convulsing, give the victim a glass of activated charcoal slurry in water or, if this is not available, a glass of milk, or beaten egg whites and IMMEDIATELY transport victim to a hospital. If the victim is convulsing or unconscious, do not give anything by mouth, assure that the victim's airway is open and lay the victim on his/her side with the Headache lower than the body. DO NOT INDUCE VOMITING. IMMEDIATELY transport the victim to a hospital.
OTHER: Since this chemical is a known or suspected carcinogen you should contact a physician for advice regarding the possible long term health effects and potential recommendation for medical monitoring. Recommendations from the physician will depend upon the specific compound, its chemical, physical and toxicity properties, the exposure level, length of exposure, and the route of exposure. (NTP, 1992)
REACTIVITY: Reacts violently with NH_4NO_3, N_2O_2, Li, NO, $KClO_3$, SO_2 and other strong oxidizers (NTP, 1992)
Nonfire Spill Response:
SMALL SPILLS AND LEAKAGE: If you spill this chemical, dampen the solid spill material with 5% ammonium hydroxide, then transfer the dampened material to a suitable container. Use absorbent paper dampened with 5% ammonium hydroxide to pick up any remaining material. Your contaminated clothing and the absorbent paper should be sealed in a vapor-tight plastic bag for eventual disposal. Wash all contaminated surfaces with 5% ammonium hydroxide followed by washing with a strong soap and water solution. Do not reenter the contaminated area until the Safety Officer (or other responsible person) has verified that the area has been properly cleaned.
STORAGE PRECAUTIONS: You should store this material in a refrigerator. (NTP, 1992)
Fire Response: NA

CHEMICAL IDENTIFICATION							
Chemical Name:	HYDROGEN CHLORIDE	**CAS #:**	7647-01-0	**UN No**	1789	**Formula:**	ClH
Synonyms:	Anhydrous hydrogen chloride; Aqueous hydrogen chloride (i.e., Hydrochloric acid, Muriatic acid)	**Descripti on:**	Colorless to slightly yellow gas with a pungent, irritating odor. [Note: Shipped as a liquefied compressed gas.]				

PHYSICAL PROPERTIES							
BP:	-121ºF	**MW:**	36.5	**LEL:**	NA	**NFPA Fire Rating:**	0
FRZ/MLT:	FRZ: -174ºF	**VP:**	40.5 atm	**UEL:**	NA	**NFPA Health Rating:**	3
Fl.P:	NA	**VD:**	1.27			**NFPA Reactivity Rating:**	0
Sp. Gr.:	NA	**IP:**	12.74 eV			**NFPA Sp. Inst.:**	NA

EXPOSURE GUIDELINES							
OSHA		**NIOSH**		**ACGIH**		**Related Information**	
PEL-TWA ppm:	NA	REL-TWA ppm:	NA	TLV-TWA ppm:	NA	AIHA Emergency Response Planning Guidelines (ERPGs):	
PEL-TWA mg/m3:	NA	REL-TWA mg/m3:	NA	TLV-TWA mg/m3:	NA	EPRG-1/EPRG-2/EPRG-3: 3 ppm/20 ppm/150 ppm	
PEL-STEL ppm:	NA	REL-STEL ppm:	NA	TLV-STEL ppm:	NA		
PEL-STEL mg/m3:	NA	REL-STEL mg/m3:	NA	TLV-STEL mg/m3:	NA		
PEL-C ppm:	5	REL-C ppm:	5	TLV-C ppm:	5		
PEL-C mg/m3:	7	REL-C mg/m3:	7	TLV-C mg/m3:	7.5		
Skin Notation:		Skin Notation:		Skin Notation:		Carcinogen Classifications:	
IDLH ppm:	50	IDLH mg/m3:	NA			IARC-3	

HEALTH INFORMATION

Symptoms: nose, throat, laryngeal inflammation; coughing, throat burns, choking; eye, skin burns; dermatitis; in animals: larangeal spasms, pulmonary edema
Health Effects: irritation-eye, nose, throat, skin---marked; lung edema; dental erosion
Target Organ: eyes, skin, respiratory system

EMERGENCY RESPONSE INFORMATION (see next page)

First Aid: INHALATION: remove person to fresh air; keep him warm and quiet and get medical attention immediately; start artificial respiration if breathing stops. INGESTION: have person drink water or milk; do NOT induce vomiting.
EYES: immediately flush with plenty of water for at least 15 min. and get medical attention; continue flushing for another 15 min. if physician does not arrive promptly.
SKIN: immediately flush skin while removing contaminated clothing; get medical attention promptly; use soap and wash area for at least 15 min. (USCG, 1999)
Reactivity: CHEMICAL PROFILE: Calcium phosphide and hydrochloric acid undergo a very energetic reaction, Mixing hydrochloric acid in equal molar portions with any of the following substances in a closed container caused the temperature and pressure to increase: acetic anhydride, ammonium hydroxide, 2-aminoethanol, chlorosulfonic acid, ethylene diamine, ethyleneimine, oleum, propylene oxide, sodium hydroxide, sulfuric acid, vinyl acetate, NFPA 1991. When hydrochloric acid and perchloric acid are mixed, the hydronium ion formed decomposes spontaneously with violence, With water may generate heat
Nonfire Spill Response: Neutralizing Agents for Acids and Caustics: Flush with water; apply powdered limestone, slaked lime, soda ash, or sodium bicarbonate. (USCG, 1999)
Fire Response: Note: Most foams will react with the material and release corrosive/toxic gases.
SMALL FIRES: CO2 (except for Cyanides), dry chemical, dry sand, alcohol-resistant foam.
LARGE FIRES: Water spray, fog or alcohol-resistant foam. Move containers from fire area if you can do it without risk. Do not use straight streams. Dike fire control water for later disposal; do not scatter the material.
FIRE INVOLVING TANKS OR CAR/TRAILER LOADS: Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Do not get water inside containers. Cool containers with flooding quantities of water until well after fire is out. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. ALWAYS stay away from the ends of tanks. (DOT, 1996)

CHEMICAL IDENTIFICATION							
Chemical Name:	HYDROGEN CYANIDE	**CAS #:**	74-90-8	**UN No**	1613	**Formula:**	CHN
Synonyms:	Formonitrile, Hydrocyanic acid, Prussic acid	**Description:**	Colorless or pale-blue liquid or gas (above 78ºF) with a bitter, almond-like odor.				

PHYSICAL PROPERTIES							
BP:	78ºF (96%)	**MW:**	27.0	**LEL:**	5.6%	**NFPA Fire Rating:**	NA
FRZ/MLT:	FRZ: 7ºF (96%)	**VP:**	630 mmHg	**UEL:**	40.0%	**NFPA Health Rating:**	NA
Fl.P:	0ºF (96%)	**VD:**	NA			**NFPA Reactivity Rating:**	NA
Sp. Gr.:	0.69	**IP:**	13.60 eV			**NFPA Sp. Inst.:**	NA

EXPOSURE GUIDELINES

OSHA		**NIOSH**		**ACGIH**		**Related Information**	
PEL-TWA ppm:	10	REL-TWA ppm:	NA	TLV-TWA ppm:	NA	AIHA Emergency Response Planning Guidelines (ERPGs):	
PEL-TWA mg/m3:	11	REL-TWA mg/m3:	NA	TLV-TWA mg/m3:	NA	EPRG1/EPRG-2/EPRG-3: NA/10 ppm/25 ppm	
PEL-STEL ppm:	NA	REL-STEL ppm:	4.7	TLV-STEL ppm:	NA		
PEL-STEL mg/m3:	NA	REL-STEL mg/m3:	5	TLV-STEL mg/m3:	NA		
PEL-C ppm:	NA	REL-C ppm:	NA	TLV-C ppm:	4.7		
PEL-C mg/m3:	NA	REL-C mg/m3:	NA	TLV-C mg/m3:	5		
Skin Notation:		Skin Notation:		Skin Notation:		Carcinogen Classifications:	
IDLH ppm:	50	IDLH mg/m3:	na			NA	

HEALTH INFORMATION

Symptoms: asphyxia & death at high levels; weakness; headaches; confusion; nausea, vomiting; increased rate & depth of respiration, or slow & gasping respiration
Health Effects: acute systemic toxicity; cumulative systemic toxicity (cyanosis)
Target Organ: central nervous system, cardiovascular system, thyroid, blood

EMERGENCY RESPONSE INFORMATION

First Aid:
Eye: If this chemical contacts the eyes, immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention immediately. Contact lenses should not be worn when working with this chemical.
Skin: If this chemical contacts the skin, immediately flush the contaminated skin with water. If this chemical penetrates the clothing, immediately remove the clothing and flush the skin with water. Get medical attention promptly.
Breathing: If a person breathes large amounts of this chemical, move the exposed person to fresh air at once. If breathing has stopped, perform mouth-to-mouth resuscitation. Keep the affected person warm and at rest. Get medical attention as soon as possible.
Swallow: If this chemical has been swallowed, get medical attention immediately.
CHEMICAL PROFILE: A deadly human poison, a weak acid smelling of bitter almonds. It contains hydrogen cyanide dissolved in water. On contact with acids or when heated it emits deadly hydrogen cyanide gas.
Nonfire Spill Response: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. DO NOT GET WATER INSIDE CONTAINERS. (DOT, 1996)
SMALL FIRES: Dry chemical, CO_2 or water spray. LARGE FIRES: Dry chemical, CO_2, alcohol-resistant foam or water spray. Move containers from fire area if you can do it without risk. Dike fire control water for later disposal; do not scatter the material. FIRE INVOLVING TANKS OR CAR/TRAILER LOADS: Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Do not get water inside containers. Cool containers with flooding quantities of water until well after fire is out. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. ALWAYS stay away from the ends of tanks.

CHEMICAL IDENTIFICATION							
Chemical Name:	NITRIC ACID	**CAS #:**	7697-37-2	**UN No**	2031	**Formula:**	HNO3
Synonyms:	Aqua fortis, Engravers acid, Hydrogen nitrate, Red fuming nitric acid (RFNA), White fuming nitric acid (WFNA)		**Description:**	Colorless, yellow, or red, fuming liquid with an acrid, suffocating odor			

PHYSICAL PROPERTIES							
BP:	181ºF	**MW:**	63.0	**LEL:**	NA	**NFPA Fire Rating:**	0
FRZ/MLT:	FRZ: -44ºF	**VP:**	48 mmHg	**UEL:**	NA	**NFPA Health Rating:**	3
Fl.P:	NA	**VD:**	NA			**NFPA Reactivity Rating:**	0
Sp. Gr.:	(77ºF): 1.50	**IP:**	11.95 eV			**NFPA Sp. Inst.:**	Oxidizer

EXPOSURE GUIDELINES							
OSHA		**NIOSH**		**ACGIH**		**Related Information**	
PEL-TWA ppm:	2	REL-TWA ppm:	2	TLV-TWA ppm:	2	AIHA Emergency Response Planning Guidelines (ERPGs):	
PEL-TWA mg/m3:	5	REL-TWA mg/m3:	5	TLV-TWA mg/m3:	5.2	NA	
PEL-STEL ppm:	NA	REL-STEL ppm:	4	TLV-STEL ppm:	4		
PEL-STEL mg/m3:	NA	REL-STEL mg/m3:	10	TLV-STEL mg/m3:	10		
PEL-C ppm:	NA	REL-C ppm:	NA	TLV-C ppm:	NA		
PEL-C mg/m3:	NA	REL-C mg/m3:	NA	TLV-C mg/m3:	NA		
Skin Notation:		Skin Notation:		Skin Notation:		Carcinogen Classifications:	
IDLH ppm:	25	IDLH mg/m3:	NA			NA	

HEALTH INFORMATION

Symptoms: eye, mucous membrane, skin irritation; delayed pulmonary edema, pneumonitis, bronchitis; dental erosion
Health Effects: acute lung damage; irritation-eye, nose, throat, skin---marked
Target Organ: eyes, skin, respiratory system, teeth

continued on next page

EMERGENCY RESPONSE INFORMATION (Nitric Acid)
First Aid: Warning: Nitric acid is extremely corrosive. Caution is advised. Signs and Symptoms of Acute Nitric Acid Exposure: Signs and symptoms of acute ingestion of nitric acid may be severe and include increased salivation, intense thirst, difficulty swallowing, chills, pain, and shock. Oral, esophageal, and stomach burns are common. Vomitus generally has a coffee-ground appearance. The potential for circulatory collapse is high following ingestion of nitric acid. Acute inhalation exposure may result in sneezing, hoarseness, choking, laryngitis, dyspnea (shortness of breath), respiratory tract irritation, and chest pain. Bleeding of nose and gums, ulceration of the nasal and oral mucosa, pulmonary edema, chronic bronchitis, and pneumonia may also occur. If the eyes have come in contact with nitric acid, irritation, pain, swelling, corneal erosion, and blindness may occur. Dermal exposure may result in severe burns, pain, and dermatitis (red, inflamed skin). Emergency life-support Procedures: Acute exposure to nitric acid may require decontamination and life support for the victims. Emergency personnel should wear protective clothing appropriate to the type and degree of contamination. Air-purifying or supplied-air respiratory equipment should also be worn, as necessary. Rescue vehicles should carry supplies such as plastic sheeting and disposable plastic bags to assist in preventing spread of contamination. Inhalation Exposure: 1. Move victims to fresh air. Emergency personnel should avoid self-exposure to nitric acid. 2. Evaluate vital signs including pulse and respiratory rate Reactivity: AIR AND WATER REACTIONS: Fumes in air. Reacts violently with water producing heat, fumes, and spattering. CHEMICAL PROFILE: ignites upon contact with alcohols, amines, ammonia, beryllium alkyls, boranes, dicyanogen, hydrazines, hydrocarbons, hydrogen, nitroalkanes, powdered metals, silanes, or thiols (Bretherick 1979 p.174)A mixture of finely divided magnesium and nitric acid is explosive (Pieters 1957 p.28). Nitric acid oxidizes magnesium phosphide with incandescence (Mellor 8:842. 1946-47). Experiments show that mixtures of over 50% nitric acid by weight in acetic anhydride may act as detonating explosives (BCISC 42:2. 1971). An etching agent of equal portions of acetone, nitric acid, and 75% acetic acid exploded 4 hours after it was prepared and placed in a closed bottle. This is similar to a formulation for the preparation of tetranitromethane a sensitive explosive (Chem. Eng. News 38: 56. 1960). Phosphine is violently decomposed by concentrated nitric acid, and flame is produced.. An explosion occurs when nitric acid is brought into contact with phosphorus trichloride (Comp. Rend. 28:86). The reaction of sodium azide and strong nitric acid is energetic (Mellor8, Supp 2:315. 1967). Reacts violently with water with the production of heat, fumes, and spattering. (REACTIVITY, 1999) Nonfire Spill Response: Keep material out of water sources and sewers. Build dikes to contain flow as necessary. Use water spray to knock-down vapors. Neutralize spilled material with crushed limestone, soda ash, or lime. Vapor knockdown water is corrosive or toxic and should be diked for containment. Land spill: Dig a pit, pond, lagoon, holding area to contain liquid or solid material. Dike surface flow using soil, sand bags, foamed polyurethane, or foamed concrete. Absorb bulk liquid with fly ash or cement powder. Neutralize with agricultural lime (CaO), crushed limestone (CaCO3) or sodium bicarbonate (NaHCO3). Water spill: Neutralize with agricultural lime (CaO), crushed limestone (CaCO3), or sodium bicarbonate (NaHCO3). (AAR, 1999) Fire Response: Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Ventilate closed spaces before entering them. Wear positive pressure breathing apparatus and special protective clothing. Use water spray. Small fires: water, dry chemical, or soda ash. Large fires: flood fire area with water. Move container from fire area if you can do so without risk. Spray cooling water on containers that are exposed to flames until well after fire is out. For massive fire in cargo area, use unmanned hose holder or monitor nozzles; if this is impossible, withdraw from area and let fire

Section 5 - Site Control

This site control program is designed to reduce the spread of hazardous substances from contaminated areas to clean areas, to identify and isolate contaminated areas of the site, to facilitate emergency evacuation and medical care, to prevent unauthorized entry to the site, and to deter vandalism and theft.

The site control program includes the elements specified in 29 CFR 1910.120(d) and 8 CCR 5192 (d) and provides the following site-specific information:

- a site map, indicating site perimeter and work zones
- site access procedures
- site security
- site work zones including standard operating procedures
- use of the buddy system
- both internal (on-site) and external communications

Ken Durand is responsible for evaluating site conditions and for verifying that the site control program functions effectively. The site control program is updated regularly to reflect current site conditions, work operations, and procedures.

5. 1. Site Map

A map of this site, showing site boundaries, designated work zones, and points of entry and exit is provided in Section 3-4 (available on site).

5. 2. Site Access

Access to this site is restricted to reduce the potential for exposure to its safety and health hazards. During hours of site operation, site entry and exit is authorized only at the point(s) identified in Figure 3-1. Entry and exit at these points is controlled by fencing. When the site is not operating, access to the site is controlled by a security contractor.

Visitors to the site register with Ken Durand or David Jonas, and are escorted at all times. Visitors are expected to comply with the requirements of this HASP and must receive a site-specific briefing about protecting themselves from site hazards, recognizing site zones demarcations, and following emergency evacuation procedures. PPE for visitors is provided by Ken Durand or David Jonas.

5. 3. Site Security

Security at this site is maintained during both working hours and non-working hours to prevent unauthorized entry; removal of contaminated material from the exclusion zone; exposure of unauthorized, unprotected people to site hazards; and increased hazards due to vandalism and theft.

Ken Durand is responsible for establishing and maintaining site security during working hours. This site takes the following measures for security during working hours:

- Security is maintained in the Support Zone and at Access Control Points to ensure only authorized entrants access the site.
- A fence or other physical barrier is erected around the perimeter of the site to prevent unauthorized entry or exit.
- Signs have been posted around the perimeter of the site to warn of the site dangers and prohibition of unauthorized entry.

Ken Durand is responsible for establishing and maintaining site security during non-working hours.

The following measures have been taken for security during non-working hours:

- All doors to buildings and/or trailers are locked and equipment is secured after working hours.

- An outside security firm is used to provide site surveillance after working hours.

5. 4. Site Work Zones

This site is divided into three (3) major zones, described below and shown in Figure 3-1. These zones are characterized by presence or absence of biological and chemical hazards and the activities performed within them. Zone boundaries are clearly marked at all times and the flow of personnel among the zones is controlled. The site is monitored for changing conditions that may warrant adjustment of zone boundaries. Zone boundaries are adjusted as necessary to protect personnel and clean areas. Whenever boundaries are adjusted, zone markings are also changed and workers are immediately notified of the change.

The following criteria were considered in establishing the site work zones:

- Required clean-up activities.
- Sampling results for air and surface contaminants.
- Potential for fire.
- Physical, chemical, toxicological, and other characteristics of substances present.
- Physical and topographical features of the site.
- Weather conditions, particularly the direction of prevailing winds relative to the locations of the support zone and other uncontaminated areas onsite.

Exclusion Zone

The Exclusion Zone is the area where hazardous substance is known or suspected to be present and pose the greatest potential for exposure. Remediation operations (site clean-up) are performed in the Exclusion Zone. At this site, the Exclusion Zone boundaries are marked with yellow boundary tape. Personnel and equipment will enter and exit the Exclusion Zone from the designated access points in the Contamination Reduction Zone (CRZ), shown in Figure 3-1.

Personnel in the Exclusion Zone will adhere to the following SOPs:

Exclusion Zone (ExZ) SOPs

- While working in the Exclusion Zone, site workers use the buddy system.
- Use monitoring equipment and tools that are safe for the working environment.
- Use ground-fault circuit interrupters (GFCIs) when necessary to prevent electric shock.
- Use three-wire grounded extension cords for portable electric tools and appliances.
- Keep loose-fitting clothing or loose long hair away from moving machinery.
- Use signaling to direct heavy equipment operating in tight quarters.
- No refueling engines while equipment is running.No refueling engines while equipment is running.
- No ignition sources within 50 feet of refueling areas.
- Lower all blades and buckets to the ground and set parking brakes before shutting off vehicles.
- Never exceed the rated load capacity of a vehicle.
- Check in and out of this zone at the designated access point(s).
- Use the buddy system at all times.
- Wear the PPE required for this zone (see PPE section of this HASP).
- Perform air monitoring as required for this zone (see Exposure Monitoring section of this HASP).
- No smoking, eating, or drinking.
- No matches, lighters, or open flame.
- Monitor self and buddy for signs of heat or cold stress or chemical overexposure.
- Alert supervisor to signs of changing or unanticipated hazards.

- No horseplay.
- Monitor self and buddy for PPE rips, tears, and/or damage.

Contamination Reduction Zone (CRZ)

The CRZ is located between the Exclusion Zone and the Support Zone (clean zone). Its primary purpose is for decontamination of workers and equipment. The CRZ also serves as a buffer between the Exclusion Zone and Support Zone, to limit the potential for contamination to spread to the Support Zone and outlying areas. At this site, the CRZ boundaries are marked with yellow Boundary Tape.

Based on monitoring results, the CRZ boundaries may be adjusted to ensure that the Support Zone remains uncontaminated. Workers and equipment exit the Exclusion Zone through the designated access point(s) into the CRZ. Workers and equipment are then decontaminated in the CRZ, according to the procedures specified in the Decontamination section of this HASP. Workers and equipment then exit the CRZ into the Support Zone through the designated access points, shown in Figure 3-1.

If necessary, emergency decontamination procedures are implemented. Emergency decontamination procedures are described in the site's emergency response program.

Personnel in the CRZ will adhere to the following SOPs:

Contamination Reduction Zone (CRZ) SOPs

- Check in and out of this zone at the designated access point(s).
- Wear the PPE required for this zone (see PPE section of this HASP).
- Perform air and surface sampling as required for this zone (see Exposure Monitoring section of this HASP).
- Use monitoring equipment and tools that are safe for the working environment.
- No smoking, eating, or drinking.
- No matches, lighters, or open flame.
- Monitor self and buddy for signs of heat or cold stress or chemical overexposure.
- Alert supervisor to signs of changing or unanticipated hazards.
- No horseplay.

In addition, site personnel are trained to recognize and use hand signals when visual contact is possible but noise or PPE can inhibit voice communication. These hand signals are listed below in Table 5-6

Support Zone

The Support Zone is the clean area of the site, beyond the outer boundary of the CRZ. Administrative, clerical, and other support functions are based in the Support Zone. There should be no contamination in the Support Zone. Air and surface monitoring are conducted in the Support Zone as needed to ensure that it remains uncontaminated. If contamination is detected, zone boundaries are adjusted until corrective action is taken and monitoring results indicate that this zone is again uncontaminated.

The Support Zone is shown in Figure 3-1 and its boundaries are marked by Yellow Boundary Tape. While working Within the Support Zone, personnel will adhere to the following SOPs

Support Zone (SZ) SOPs

- Alert supervisor to signs of changing or unanticipated hazards. No horseplay. Perform air and surface sampling as required for this zone (see Exposure Monitoring section of this HASP).

Figure 3-1 Map of Site Boundaries, Work Zones, and Entry/Exit Points (available on site)

5. 5. Emergency Medical Assistance

The nearest emergency medical assistance selected to support this site is:

Address/Location:	Organization:	Telephone:
1420 South Central	Glendale Memorial	(818) 502-2344

Avenue, Los Angeles, CA 91204	Hospital and Health Center	(Emergency Room)

A map to this facility is located in Section 1 – Emergency Information (page 5).

5. 6. Site Communications

The following communication equipment is used to support on-site communications:

- Two-way radios are available

A current list of emergency contact numbers is posted in the Command Area.

Hand Signals

Signal	Meaning
Thumbs down	No
Both arms waving upright above head	Need assistance/send support
Stand with hands on waist or grab partner's wrist	Exit immediately
One fist raised above head	Stop immediately
Arms horizontal and circling out to sides	Situation under control

5. 7. Buddy System

While working in the Exclusion Zone, site workers use the buddy system. The buddy system means that personnel work in pairs

The responsibilities of workers using the buddy system include:

- Remaining in close visual contact with partner
- periodically checking the integrity of partner's PPE,
- Observing partner for signs of heat stress or other difficulties,
- Providing partner with assistance as needed or requested,

Section 6 - Training

The site training program is designed to ensure that workers receive the training they need to work safely on this site. Site safety and health training requirements are based on the job hazard assessments contained in Chapter 2 of this HASP and relevant OSHA requirements. At this site, Ken Durand oversees the implementation of this training program and is responsible for ensuring that employees are adequately and currently trained for all tasks they are asked to perform. Employees who have not been trained to a level required by their job function and responsibility are not permitted to participate in or supervise field activities.

This training program is consistent with the requirements of 29 CFR 1910.120(e) and 8 CCR 5192 (e) and addresses the following site-specific information:

- Training For Site Workers
- Site Briefings For Visitors And Workers
- Initial Hazwoper Training (40 or 24 Hr) or equivalent
- Supervised Field Experience or equivalent
- Management And Supervisor Training or equivalent
- Qualification Of Trainers or equivalent
- Training Certification or equivalent
- Emergency Response Training or equivalent
- Refresher Training or equivalent
- Equivalent Training or equivalent
- Training Records or equivalent
- Emergency Response Training Is Addressed In Hasp Chapter 11, Emergency Response Plan.

6. 1. Training Elements to be Covered for Site Workers:

- Names Of Personnel And Alternates Responsible For Site Safety And Health
- Safety, Health And Other Hazards Present On The Site
- Use Of PPE
- Work Practices By Which The Employee Can Minimize Risks From Hazards
- Safe Use Of Engineering Controls And Equipment On The Site
- Medical Surveillance Requirements Detailed In Chapter 5 Of This Hasp
- Decontamination Procedures Detailed In Chapter 10 Of This Hasp
- The Emergency Response Plan Detailed In Chapter 11 Of This Hasp
- Confined Space Entry Procedures Detailed In Chapter 13 Of This Hasp
- The Spill Containment Program Detailed In Chapter 9 Of This Hasp
- The Site Control Plan Detailed In Chapter 3 Of This Hasp

Respirator use, in accordance with 29 CFR 1910.134 and 8 CCR 5144 is required in addition to the elements described above

6. 2. Site-Specific Briefings for Visitors

A site-specific briefing is provided to all site visitors who enter this site beyond the site entry point. For visitors, the site-specific briefing provides information about site hazards, the site lay-out including work zones and places of refuge, the emergency alarm system and emergency evacuation procedures, and other pertinent safety and health requirements as appropriate.

6. 3. HASP Information and Site-Specific Briefings for Workers

Site personnel review this HASP and are provided a site-specific briefing prior to the commencement of work to ensure that employees are familiar with this HASP and the information and requirements it contains. Additional briefings are provided as necessary to notify employees of any changes to this HASP because of information gathered during ongoing site characterization and analysis. Conditions for which we schedule additional briefings include, but are not limited to: changes in site conditions, changes in the work schedule/plan, newly discovered hazards, and incidents occurring during site work.

6. 4. Initial Training

Initial training requirements are based on a worker's potential for exposure and compliance with the requirements of 29 CFR 1910.120(e)(3) and 8 CCR 5192 (e)(3). Personnel at this site should successfully complete 40-hour initial HAZWOPER training consistent with the requirements of 29 CFR 1910.120(e)(3)(i) and 8 CCR 5192 (e)(3)(i) in order to work in contaminated areas. Alternative training and/or experience may be approved by Ken Durand, based on the hazards to which workers may be exposed.

6. 5. Management and Supervisor Training

On-site managers and supervisors who are directly responsible for or who supervise workers engaged in hazardous waste operations should receive, in addition to the appropriate level of worker HAZWOPER training described above, 8 additional hours of specialized supervisory training, in compliance with 29 CFR 1910.120(e)(4) and 8 CCR 5192 (e)(4). Training received by managers and supervisors includes information regarding the Employer's safety and health programs well as the Spill containment program. . Alternative training and/or experience may be approved by Ken Durand, baesd on the hazards to which workers may be exposed.

6. 6. Qualification of Trainers

Only instructors qualified in accordance with 29 CFR 1910.120(e)(5) and 8 CCR 5192 (e)(5) should be used to train workers for this site. Qualified instructors have either completed a training program for teaching the subjects they are expected to teach or have the academic credentials and instructional experience necessary for teaching the subjects. Alternative training and/or experience may be approved by Ken Durand, baesd on the hazards to which workers may be exposed.

6. 7. Training Certification

Employees and supervisors that receive and complete the necessary training and field experience are certified when they complete the necessary training. A written certificate is given to each person so certified. Any person who has not been so certified or who does not meet the requirements of equivalent training is prohibited from engaging in hazardous waste operations on this site.

6. 8. Emergency Response

Emergency response training is addressed in Chapter 11 of this HASP, Emergency Response Plan.

6. 9. Refresher Training

All workers on this site including managers and supervisors receive annual HAZWOPER refresher training consistent with the requirements of 29 CFR 1910.120(e)(8) and 8 CCR 5192 (e)(8). The following topics (at a minimum) will be addressed:

- Review of chemical hazards
- Review of physical hazards
- Review of PPE including levels of protection
- Review of respiratory protection

- Review of safety procedures
- Review of emergency response procedures

6. 10. Equivalent Training

This site accepts prior academic training or job site experience in lieu of HAZWOPER initial training for workers and supervisors, described in paragraphs (e)(1)-(e)(4) of the standard. In accordance with 29 CFR 1910.120 (e)(9) and 8 CCR 5192 (e)(9), CERES certifies that all workers have appropriate training and will provide a copy of that certification to the worker upon request.

6. 11. Training Records

CERES maintains written certification of the successful completion of applicable training requirements for each CERES worker. Training records are maintained up-to-date and are retained onsite at the Command Area/ Support Zone.

An employee sign off sheet indicating that each worker has reviewed a copy of this HASP and understands its contents are stored at the same location.

Section 7 - Personal Protective Equipment

This chapter of the HASP describes how personal protective equipment (PPE) is used to protect against employee exposures to hazardous substances and hazardous conditions on this site. Exposure hazards from the decontamination process are also considered.

The person with the overall responsibility for the PPE program is Ken Durand

7. 1. PPE Assignments

(pending air monitoring results, the following assignments have been made)

Concrete Cutting and Coring

Workers will wear Level D clothing. This will consist of sturdy work shoes, disposable tyvek-type coverall with integral boots, work gloves, hardhat and safety glasses or similar eye protection. Hearing protection will be used as needed.

PPE will be upgraded as necessary to protect against dermal contact (splash hazard) or inhalation. If uncontained corrosive liquids are encountered, workers will wear clothing as described for bulk chemical handling below. If air monitoring shows inhalation exposures greater than 1/2 of the "Threshold Limit Value" (TLV) established by the American Conference of Governmental Hygienists (ACGIH) for the most toxic chemical being handled, appropriate respiratory protective equipment will worn.

Hand and Power Drilling

Workers will wear Level D clothing. This will consist of sturdy work shoes, disposable tyvek-type coverall with integral boots, work gloves, hardhat and safety glasses or similar eye protection. Hearing protection will be used as needed.

PPE will be upgraded as necessary to protect against dermal contact (splash hazard) or inhalation. If uncontained corrosive liquids are encountered, workers will wear clothing as described for bulk chemical handling below. If air monitoring shows inhalation exposures greater than 1/2 of the "Threshold Limit Value" (TLV) established by the American Conference of Governmental Hygienists (ACGIH) for the most toxic chemical being handled, appropriate respiratory protective equipment will worn.

Installation of Test Wells

Workers will wear Level D clothing. This will consist of sturdy work shoes, disposable tyvek-type coverall with integral boots, work gloves, hardhat and safety glasses or similar eye protection. Hearing protection will be used as needed.

PPE will be upgraded as necessary to protect against dermal contact (splash hazard) or inhalation. If uncontained corrosive liquids are encountered, workers will wear clothing as described for bulk chemical handling below. If air monitoring shows inhalation exposures greater than 1/2 of the "Threshold Limit Value" (TLV) established by the American Conference of Governmental Hygienists (ACGIH) for the most toxic chemical being handled, appropriate respiratory protective equipment will worn.

Handling contaminated or low pH groundwater

Workers will wear Level C chemically protective clothing when including a 1/2 face Air Purifying Respirator (APR) with a multi-purpose vapor/particulate cartridge, similar to the Scott 7422-SDI cartridge. Attire will consist of sturdy work shoes, disposable, coated tyvek-type coverall with integral boots, surgical type nitrile gloves and safety goggles. When working with corrosive liquids, workers will wear chemically resistant over-boots, chemically resistant gloves, a splash apron over their tyvek suit and a face shield over goggles, rather than safety glasses.

PPE will be upgraded as necessary to protect against dermal contact (splash hazard) or inhalation. If additional splash protection is required, workers will wear chemically impervious suits, similar to a Kappler CPF3 garment. If air monitoring shows inhalation exposures greater than 5 times the "Threshold Limit Value" (TLV) established by the American Conference of Governmental Hygienists (ACGIH) for the most toxic chemical being handled, workers will wear a pressure-demand type SCBA for the duration of that operation.

7. 2. PPE Selection Criteria

Site safety and health hazards are eliminated or reduced to the greatest extent possible through engineering controls and work practices. Where hazards are still present, a combination of engineering controls, work practices, and PPE are used to protect employees.

An initial level of PPE is assigned to each task to provide an adequate barrier to exposure hazards. Initial PPE ensembles are selected based on the anticipated route(s) of entry of the hazardous substances on site and their concentration. Ensemble materials are selected using permeation data supplied by individual manufacturers. Materials providing the greatest duration of protection have been chosen. Tear and seam strength of the PPE are also considered to ensure ensemble durability while work is performed. When necessary, multiple layers of protection are used to accommodate the range of hazards that may be encountered. Where possible, employees are provided with a range of component sizes to ensure properly fitted PPE.

The following criteria are used in selecting PPE levels at this site.

<u>Use of Level B Protection</u>

Employees use Level B protection during tasks that have or potentially have the following characteristics:

- The identity and concentration of site contaminants are known and a high degree of respiratory protection is needed.
- The atmosphere contains hazardous substances at concentrations exceeding the published exposure limit for which there is no available cartridge/canister.
- The atmosphere contains hazardous substances at concentrations which exceed the use limits (rating or maximum use factor) of the available air purifying respiratory protection.
- Contact with hazardous substances is likely, but the contaminants do not pose a skin absorption hazard.
- The atmosphere contains less than 19.5 percent oxygen.
- The atmosphere contains incompletely identified hazardous substances, but the presence of high levels of chemicals harmful to/capable of being absorbed through the skin is unlikely.
- The atmospheres contains IDLH concentrations of specific substances that present severe inhalation hazards but do not pose a skin absorption hazard.

<u>Use of Level C Protection</u>

Employees use Level C protection during tasks that have or potentially have the following characteristics:

- Liquid splashes, atmospheric conditions, or other direct contact with hazardous substances exist or are likely but will not adversely affect or be absorbed through exposed skin.
- The atmosphere contains hazardous substances at concentrations which can be adequately controlled using an available air-purifying respirator and cartridge/canister.
- IDLH conditions are not present.
- The atmosphere contains between 19.5 and 23.5% oxygen.

In accordance with 29 CFR 1910.134(d)(3)(iii)(B)(2) and 8 CCR 5144 (d)(3)(C), a cartridge/canister change schedule has been determined. Cartridges and canisters used with air-purifying respirators on this site are replaced when any of the following occurs:

- a NIOSH-approved end of service life indicator (ESLI) is activated,
- the service life identified in this HASP has passed (see JHAs for service life determinations)
- inhalation is restricted

Use of Level D Protection

Employees use Level D protection during tasks that have the following characteristics:

- The atmosphere contains no known or suspected hazardous substances at concentrations that meet or exceed the published exposure limit.
- Contact with hazardous levels of any chemicals through splashes, immersion, or by other means will not occur.
- There is no potential for unexpected inhalation or contact with hazardous levels of any chemical

7. 3. Use of PPE

Site-specific PPE ensembles and materials are identified below . These ensembles are consistent with Appendix B of 29 CFR 1910.120 and 8 CCR 5192. PPE is used in accordance with manufacturers' recommendations.

Level B Equipment	
Item	**Model or description**
Hooded chemical resistant coveralls	Kappler CPF3 or similar
Gloves, outer, chemical-resistant	North 17 mil butyl or similar
Gloves, inner, chemical-resistant	4 mil surgical type nitrile
Hard hat	Type 2A or similar
Face shield	polycarbonate
SCBA	Scott "Air Pack" w/ 30 minute bottles

Section 16 - Forms and Documents

- Daily Sign-in Sheet
- Instrument Data Sheet
- Air Monitoring Log Sheet
- Hot Work Permit

16. 1. Daily Sign-In Log

All workers and visitors must sign in daily

Name	Company	Date	Signature
Randy Harris	CERES	06 Feb 06	RC Harris
Larry Moore	CH2MHill EPA Contractor	06 Feb 06	[illegible]
Dixon Oriola	RWQCB	2/6/06	[illegible]
Alex Lapostol	CH2MHill	2-6-06 2-7-06	[illegible]
Mike Haske	Vironex	2-6-06	[illegible]
David Jonas	Ceres	2-7-06	[illegible]
Shane Thompson	Vironex	2-7-06	[illegible]
Mike Haske	Vironex	2-7-06	[illegible]
Armando V	Test America	2-7-06	[illegible]
Randy Harris	CERES	7 Feb 06	RC Harris
Junior Rodriguez	CST America	2-7-06	[illegible]
Billy Osborn	Test America	2-7-06	[illegible]
Alex Lapostol	CH2MHill	2-7-06	[illegible]
[illegible]	CH2	2/7/06	[illegible]

16. 1. Daily Sign-In Log

All workers and visitors must sign in daily

Name	Company	Date	Signature
David Jonas	Ceres Associates	2-8-06	[illegible]
VICTOR DESANTIAGO	TA.	2-8-06	[illegible]
TONY SANCHEZ	TA	2-[illegible]-06	[illegible]
[illegible]		2-8-06	[illegible]
Randy Harris Ceres		8 Feb 06	RC Harris
[illegible]	CERES	2/8/06	[illegible]

David Jonas	Ceres	2-16-06	[illegible]
BRUCE BUCKNER	T.A.	2-16-06	[illegible]

16. 2. Instrument Data Sheet

To be completed once for each instrument or meter on-site. Documents type of meter and calibration

Project Name: Excello Plating

Project Start Date: 2/1/06

Project Close Date:

Person Responsible for Maintenance/Calibration: Ken Durand

Instrument Make/Model: Rae SyStems QRae Plus	**Serial/ Id. #:** 103910	**Calibration Expires:**
Instrument Description: 4-gas meter, LEL, % O_2, H_2S, CO		
Notes: Ashtead		

Instrument Make/Model: Thermo Electron PDR-1000	Serial/ Id. #: R4134	Calibration Expires:
Instrument Description: Personal aerosol monitor		
Notes: Ashtead		

Instrument Make/Model: Draeger 28681 Detector Tube	Serial/ Id. #: 6400000	Calibration Expires:
Instrument Description: Chromic Acid colorimetric tube		
Notes:		

Instrument Make/Model:	Serial/ Id. #:	Calibration Expires:
Instrument Description:		
Notes:		

Instrument Make/Model:	Serial/ Id. #:	Calibration Expires:
Instrument Description:		
Notes:		

Instrument Make/Model:	Serial/ Id. #:	Calibration Expires:
Instrument Description:		
Notes:		

16. 3. Air Monitoring Log Form

Used to periodically record instrument readings

Project Name: Excello Plating

Project Start Date: 2/1/06

Project Close Date:

Person Responsible for Maintenance/Calibration: Ken Durand

All air monitoring to be conducted per provisions in approved Site-specific HASP

Date: _ / _ /06 Time:	**Operator**	**Instrument**	**Reading**	**Units** (ppm, mg/m3)	**Type (direct, TWA)**	**Worker/Location**
2/7/06 0730	D Jones	PDR-1000	0.077	mg/m3	TWA	B6
0730	D. Jones	PID	0.1	mg/m3	Direct ~~TWA~~	B6
0740	D Jones	Draeger	Ø	mg/m3	Direct	B6
0815	D Jones	PDR-1000	0.135	mg/m3	TWA	B3/MW2
0830	D Jones	PID	1.1	mg/m3	Direct	B8/MW2
0930	D. Jones	PID	1.3	mg/m3	Direct	B23/MW2
0930	D Jones	PDR-1000	0.065	mg/m3	TWA	B23/MW2
1030	D. Jones	PID	7.0	mg/m3	Direct	B22
1030	D. Jones	PDR-1000	0.102	mg/m3	TWA	B22
1030	D Jones	PID	4.8	mg/m3	Direct	MW2
1030	D Jones	PDR-1000	0.076	mg/m3	TWA	MW2
1100	D. Jones	Draeger	Ø	mg/m3	Direct	B21
1130	D Jones	PID	0.5	mg/m3	Direct	MW2
1130	D Jones	PDR-1000	0.060	mg/m3	TWA	MW2
1130	D Jones	PID	2.8	mg/m3	Direct	B19
1130	D. Jones	PDR-1000	0.110	mg/m3	TWA	B19
1230	D. Jones	PID	2.5	mg/m3	Direct	MW2
1230	D. Jones	PDR-1000	0.090	mg/m3	TWA	MW2
1330	D. Jones	PID	3.1	mg/m3	Direct	MW2
1330	D. Jones	PDR-1000	0.112	mg/m3	TWA	MW2
1400	D Jones	Drager	Ø	mg/m3	Direct	MW2
1430	D Jones	PID	2.7	mg/m3	Direct	MW2
1430	D. Jones	PDR-1000	0.142	mg/m3	TWA	MW2

_____ of _____

APPENDIX E: PERMITS

WELL PERMIT APPLICATION - NON-PRODUCTION WELLS

WATER & SEWAGE / MOUNTAIN & RURAL PROGRAMS - ENVIRONMENTAL HEALTH DIVISION
5050 COMMERCE DRIVE, BALDWIN PARK, CA 91706 (626) 430-5380 FAX (626) 813-3016

DATE: January 25, 20

X NEW WELL CONSTRUCTION	X MONITORING #555	HEAT EXCHANGE
RECONSTRUCTION OR RENOVATION	CATHODIC	OTHER (Specify):
DECOMMISSIONING	INJECTION	
OTHER:	EXTRACTION	

WELL LOCATION

SITE ADDRESS 4057 Goodwin Avenue	CITY Los Angeles		ZIP CODE 90039
Township	Range	Section	Map Book Page/ Grid 564/C

NO. OF WELLS IN EACH PARCEL: 3 wells — Attach site map with well locations

WELL STRUCTURE

Type and Size of Production Casing	4" PVC (schedule 40)
Sanitary / Annular Sealing Material	#3 Grade Sand and two feet Bentonite Seal
Depth of Sanitary / Annular Seal	60' below ground surface
Conductor Casing Seal	

OWNER / DRILLER INFORMATION

Well Owner	Alice C. Cloero
Address	1801 S. Myrtle Avenue
City / Zip Code	Monrovia 91016
Telephone	626-359-7065
Well Driller	Test America
Address	1016 East Kalella Avenue
City / Zip Code	Anaheim 92805
C-57 License No.	819548
Telephone	714-939-6850

WELL DECOMMISSIONING

Well Depth log / records	
Method of Well Assessment	
Depth and Number of Perforations	
Type of Perforator Size of Perforations	
Type and Amount of Sealant	
Method of Upper Seal Pressure Application	

I hereby agree to comply in every respect with all the regulations of the County Environmental Health Division and with all ordinances and laws of the County of Los Angeles and the State of California pertaining to well construction, reconstruction and decommissioning. Upon completion of the well and within thirty days thereafter, I will furnish the Environmental Health office with a completion log of the well giving date drilled, depth of the well, perforations in the casing, and any other data deemed necessary by County Environmental Health Division.

Applicant's Signature

Applicant Name: (PRINT) David A Jones
Telephone: 310-791-8699

Company	Ceres Associates
Contact Person	David Jones
Address	23828 Hawthorne Blvd. Ste. 100
City, State Zip	Torrance, CA 90505
Telephone	310-791-8699

IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED IN THE FIELD ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THIS OFFICE, WORK PLAN MODIFICATIONS MAY BE REQUIRED.

DISPOSITION OF PERMIT (Department Use Only)
THIS PERMIT IS CONSIDERED COMPLETE WHEN THE WORK PLAN IS APPROVED AND WHEN THE WELL COMPLETION LOG IS RECEIVED. NEW CONSTRUCTION OR DECOMMISSIONING CAN COMMENCE WITHOUT THE WORK PLAN APPROVAL FROM THIS DEPARTMENT.

Date 2/1/06 REHS Michael Lu

Conditions

MW-3, MW-5 & MW-8 SCHEDULED TO START DRILLING ON TUESDAY FEB 7TH 200

LET ME KNOW IF DIFFERENT

I NEED A COPY OF THE TYPICAL WELL CONSTRUCTION DIAGRAM

For Final Inspection Call [illegible] (626) [illegible] 8 AM to 10 AM

Date REHS

The well log must be [illegible]

Date 1/27/06 REHS Michael Lu

76A668-A
R-13 (Rev. 01/2001)

FAX (310) 791-7439

APPENDIX F - REVISED ATC ASSOCIATES WORK PLAN

WORK PLAN

EXCELLO PLATING
4057 GOODWIN AVENUE
LOS ANGELES, CALIFORNIA

ATC Project Number 52.26167.0002

Prepared for

Excello Plating Co., Inc.
4057 Goodwin Avenue
Los Angeles, California

October 14, 2004

ATC ASSOCIATES INC.

50 E. Foothill Boulevard
Arcadia, CA 91006
http://www.atcassociates.com
626-447-5216
Fax 626-447-7593

October 14, 2004

Mr. Mohammad Zaidi
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

SUBJECT: SUBMITTAL OF REVISED WORK PLAN
EXCELLO PLATING COMPANY, INC.
4057 GOODWIN AVENUE
LOS ANGELES, CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD FILE NUMBER 113.5243
ATC JOB 52.26167.0002

Dear Mr. Zaidi:

Enclosed please find a copy of the revised Work Plan for a site assessment for the above referenced site. If you have questions regarding information in this report, please do not hesitate to contact the undersigned at (626) 447-5216.

Sincerely,

ATC Associates Inc.

Mark Pate
Director of Geological Services

Lynn Edlund, RG #5350
Senior Geologist

cc: Mr. Guillermo Ramirez
Excello Plating Co., Inc
4057 Goodwin Avenue
Los Angeles, California 90039

Mark Gilmartin
233 Wilshire Boulevard
Suite 350
Santa Monica, California 90401

Daniel J. Klier
433 N. Camden Drive,
Suite 600
Beverly Hills, California 90210

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1.0 INTRODUCTION

1.1 Purpose

On June 20, 2003, Excello Plating Co., Inc (Excello) was issued a "Cleanup and Abatement Order No. R4-2003-0038" (CAO) by the California Regional Water Quality Control Board (RWQCB) (Attachment 1). The CAO directs Excello to assess, cleanup, and abate the effects of wastes discharged to soil and groundwater at the subject facility. The CAO required that a Work Plan for Subsurface Investigation be completed to "determine the presence and on-site and off-site lateral and vertical extent of soil and groundwater contamination of heavy metals and emerging chemicals, including chromium VI, 1,4-dioxane and 1,2,3-trichloropropane". In addition, the RWQCB is requiring that quarterly groundwater monitoring be completed to monitor the groundwater for chemicals of concern, including chromium and hexavalent chromium, volatile organic compounds (VOCs), and the emerging chemicals 1,4-dioxane and 1,2,3-trichloropropane.

In September 2003, ATC Associates (ATC) was retained by Excello to prepare a Work Plan for a site assessment at for their facility, located at 4057 Goodwin Avenue, Los Angeles, California (site). On October 23, 2003, ATC submitted a Work Plan to the RWQCB, which consisted primarily of the collection of soil samples from 13 locations and hydropunch samples from five locations.

On September 24, 2004, ATC met with four representatives of the RWQCB (Mr. Dennis Dickerson, Mr. Arthur Heath, Mr. Dixon Oriola, and Mr. Mohammad Zaidi), and a representative of the Environmental Protection Agency (EPA) (Mr. Lawrence Moore). Also in attendance were two representatives of Excello, Mr. Guillermo Rameriz and Mr. Gary Trudeau), and Mr. Mark Gilmartin, attorney for the Excello Corporation. The RWQCB requested that a revised Work Plan be submitted addressing their specific concerns as follows:

- RWQCB identified 34 boreholes to be completed at the locations they identified.
- Eight wells were identified at specific locations. The wells will be constructed with polyvinyl chloride (PVC) casing, and screened to accommodate a fluctuating water table over the next five years.
- Soil samples from each location are to be collected every five feet down to the water table, which is expected to be about 40 feet. The samples are to be collected at depths of 1, 5, 10, 15, 20, 25, 30, and 35 feet.
- All soil samples are to be analyzed for Title 22 metals, Chromium VI. In addition, soil samples collected from depths of 1, 5, and 10 feet are to be analyzed for pH (in the field) and cyanide. No soil samples will be submitted for laboratory analysis below the groundwater table.
- One upgradient well will be continuously cored and sampled every five feet.
- All groundwater samples will be analyzed for Title 22 metals, Volatile Organic Compounds (VOCs), and Chrome VI. In addition, two samples will be analyzed for General Minerals.
- A licensed surveyor is required to survey all groundwater monitoring wells, all soil sampling locations, and potential release points of major structures.
- Report will include cross-sections and contour maps at each sampling interval of relevant chemicals of interest.

1.2 Site Location

Excello is located at 4057 Goodwin, Los Angeles County, California (site). A site vicinity map is provided as Drawing 1.

1.3 Project Background

From 1946 to 1956, the site was occupied by Plating Engineering, Inc. A fire destroyed the building in 1957. (The location of the building is unknown.) The building was reconstructed in the late 1950's. Excello has occupied the site since 1957. Since 1963, Excello has primarily been conducting plating, anodizing, and painting of aerospace parts. The primary chemicals historically and currently used at Excello Plating are: muriatic acid, nitric acid, sulfuric acid, caustic soda, sodium hypochlorite, chromic acid, sodium cyanide, 1,1,1-TCA, cadmium oxide, nickel sulfate, nickel chloride, nickel acetate, phosphoric acid, manganous sulfate, barium carbonate, sodium bicarbonate, ammonium nitrate. The site usage is shown in Drawing 2.

There are three main process areas located within the building: the Decorative Chrome Plating Department, the Anodized Plating Process Area, and the Hard Chrome Process Area. The above-ground tanks located in Decorative Chrome Plating Department contain solutions of cadmium, zincate, copper, nickel, acids and decorative chrome. The tanks located in Anodized Plating Process Area contain solutions of nickel rinsate, dichromate, chromatic acid, and acid. The Hard Chrome Process Area contains the hard chrome tanks. The process areas are located within an 8-inch tall, concrete bermed area with a wooden platform built on top of the berm at a height of approximately 4 feet above the concrete floor. The platform is constructed of removable wooden plank decking. The space between the wooden platform and the concrete floor is designed to contain spills associated with the tanks. Currently, the floors of the process area contain material associated with the process tanks.

Waste liquids are either disposed to the sewer (via a multi-stage clarifier) or transporteded to Norris Industries in Vernon, California, for treatment and disposal. Waste liquids disposed to the sewer are sampled on a monthly basis by both the city and Excello and analyzed for disposal compliance. A vapor degreaser was historically used at the site; however, in 2003, it was removed and replaced with a closed system parts washer.

During an initial site visit, a representative of Excello showed ATC a groundwater well that had been installed immediately adjacent to the south wall of the Excello building. The wellhead was encased in an above-ground, steel monument, and was locked. Another well of similar construction was observed adjacent to the west wall of Excello, within Ralphs Distribution Center (Ralphs) parking area. During the September 24, 2004 meeting, ATC was told that those wells were GS-3 and GS-4, which are maintained by the Glendale Water and Power Company as water extraction wells from which water is extracted and sent to water treatment plant. There are also piezometers associated with these extraction wells, which are located near GS-3 and GS-4.

2.0 AGENCY FILE REVIEWS

Two file reviews were completed in September 2003. One file was completed at the RWQCB in Los Angeles and a records request was made to the Glendale Water and Power Company. The information contained at each agency is described below.

2.1 RWQCB File Review

On September 18, 2003, a file review at the RWQCB was completed by ATC. The following correspondence and reports were available for review and are summarized below:

- August 17, 1993. Well Investigation Program – Initial Site Inspection letter from the RWQCB to Mr. Glen Harleman. An inspection by a member of the RWQCB identified five areas of concern pertaining to the past and present methods for handling chemicals and wastes. The areas of primary concern were: 1) No secondary containment was around the solvent vapor degreaser; 2) The asphalt pavement surrounding the buildings was cracked, providing potential exposure pathways to the soil; 3) Metal-rich plating solutions, mineral spirits, and 1,1,1-TCA have been used at the site; 4) No secondary containment was around the paint spray gun cleaning equipment; and 5) A four stage clarifier was in the yard. Based on the five observations, a soil gas investigation was required.

- December 9, 1993. *Soil Vapor Survey Report*, prepared by AeroVironment Inc. Twelve soil vapor samples were collected and analyzed for volatile organic compounds (VOCs) from a depth of 5 feet below ground surface (bgs). The following VOCs were detected in the soil gas samples: 1,1-dichloroethene (1,1-DCE), 1,1-dichloroethane (1,1-DCA), 1,2-dichloroethane (1,2-DCA), 1,1,1-trichloroethane (1,1,1-TCA), trichloroethene (TCE), and tetrachloroethene (PCE). The maximum concentrations of 1,1-DCE (124.03 micrograms per liter (ug/L), 1,1,1-TCA (2,245.42 ug/L), TCE (113.24 ug/L), and PCE (9.32 ug/L) were detected in soil gas samples located adjacent to floor drains in the central area of the building. The maximum concentrations of 1,1-DCA (74.06 ug/L) and 1,2-DCA (2.70 ug/l) were, located adjacent to the degreaser. No VOCs were detected in soil gas samples collected from adjacent to the clarifier. A soil gas sample collected from within the paint booth, contained 1,1,1-TCA at a concentration of 61 ug/L, with lessor amounts of TCE and PCE. No VOCs were detected in soil gas samples located in the northern end of the site near the drum storage area and shed. AeroVironment concluded that the lateral and vertical extent of VOC contamination needs to be better defined and proposed additional work.

- September 1994. *Phase II Soil Vapor Survey Report*, prepared by AeroVironment Inc. Sixteen soil vapor samples were collected and analyzed for VOCs. The only VOCs detected during this investigation were 1,1-DCE, 1,1-DCA, 1,1,1-TCA, TCE and PCE. The highest concentrations of VOCs were detected near the floor drains. The highest concentration of 1,1,1-TCA (6,605 ug/L) was detected in the southern end of the building at a depth of 5 feet bgs. At a depth of 15 feet, 1,1,1-TCA had decreased to 884 ug/L.

- May 30, 1996. *Soil Gas Survey Workplan*, prepared by Daly Environmental Services (DES). The objective of this Workplan was to determine the vertical extent of chlorinated hydrocarbons (specifically 1,1,1-TCA) beneath the site. DES proposed to collect soil gas

samples from beneath former sample points previously collected by AeroVironment at depths of 25 feet and 35 feet bgs.

- September 30, 1996. *Results of a Soil Gas Survey and Groundwater Investigation*, prepared by DES. The May 30, 1996 work plan was implemented. VOCs were detected at a depth of 25 and 35 feet bgs. However, at a depth of 35 feet bgs (near the water table), the VOCs did not exceed 21 ug/l. Based on the results of the soil gas survey, DES concluded that the chlorinated hydrocarbon concentrations decreased significantly, and a "No Further Requirements" was requested from the RWQCB.

- December 26, 1996. "No Further Requirements" letter from the RWQCB to Excello Plating. The letter stated that the shallow soil vapor sampling identified severe VOC soil contamination in the floor drain area, the latest deeper sampling indicates that either the impact has diminished by natural processes or it was limited to a very small volume of soil. The remaining soil contamination is not a substantial continuing threat to groundwater quality and therefore cleanup is not warranted."

- April 23, 2001. Letter to Excello from the RWQCB regarding "Site Inspection at Excello Plating. A site inspection was completed at the site to assess the threat posed by chromium and other heavy metals.

2.2 City of Glendale Water & Power Records Request

ATC submitted a letter to the Glendale Water & Power (GWP), dated September 15, 2003, requesting the following information: borehole logs and exact locations of wells which may be adjacent or close to Excello, analytical results of soil and groundwater samples from wells which are close to Excello, groundwater gradient maps for the shallow groundwater zone and the drinking water aquifer, and a copy of the *Watermaster Special Report Concerning History and Occurrence of Hexavalent Chromium Contamination in the San Fernando Basin and Related Watermaster Conclusions and Recommendations.* The following documents were obtained from the GWP on October 13, 2003:

- *Water Master Special Report Concerning the History and Occurrence of Hexavalent Chromium Contamination in the San Fernando Basin and Related Watermaster Conclusions and Recommendation, Watermaster Service in the Upper Los Angeles River Area*, January 2003.
- *2002 RI Monitoring Well Sampling*, San Fernando Valley, CH2M Hill, Inc., August 2003.
- Shallow Groundwater Contour Maps, copied from the *Watermaster Service in the Upper Los Angeles River Area*, Upper Los Angeles River Area Watermaster.

Based on the documents above, information pertaining to Excello is summarized below.

Excello is located in the southeastern end of the San Fernando Groundwater Basin. Following an EPA investigation, this area was declared a Superfund Site based on VOC contamination (primarily TCE and PCE) and was divided into operable units. Excello is located in the Glendale South Operable Unit. As part of the superfund investigation, numerous wells were installed throughout the basin. Wells PO-VPB-02, PO-CO1-195, and PO-CO1-354 were installed on Goodwin Avenue, approximately 21 feet west of Excello. The wells were sampled and analyzed for VOCs and occasionally for hexavalent chromium. Three locations within the Glendale South Operable Unit contained hexavalent chromium. The wells are identified as:

Drilube – 72,380 parts per billion (ppb) of hexavalent chromium
PRC Desoto (formerly Courtaulds Aerospace) – 35,600 ppb of hexavalent chromium
Excello Plating – 733 ppb of hexavalent chromium.

It is important to note that Excello is located downgradient to both Courtaulds and Drilube while remaining in close proximity to both. The general locations of Drilube, Courtaulds, and Excello Plating are shown in Appendix B. The groundwater gradient direction is towards the south, as indicated in the groundwater contour maps provided by GWP (Apppendix B).

Well PO-VPB-02, located in the center of Goodwin Street, 21 feet west of Excello, is 70 feet deep, and was sampled quarterly in 2002 by CH_2M Hill as part of the EPA Remedial Investigation/Feasibility Study (RI/FS) in the San Fernando Valley. In March 2002, the hexavalent chromium concentration was 358 ug/L. In January 2003, the hexavalent chromium concentration had decreased to 293 ug/L. Appendix C contains the sampling data for Well PO-VPB-02.

3.0 SCOPE OF WORK

ATC has prepared the following scope of work for both a soil and groundwater investigation that can begin after approval from the RWQCB has been obtained. The subsurface investigation will be conducted or directed by a licensed California Registered Geologist (RG). All laboratory analysis will be completed by a California Department of Health Services certified laboratory, in accordance with best laboratory practices and quality assurance/quality control methods.

ATC proposes to advance 29 boreholes in areas adjacent to potential chromium and other metal sources and install eight groundwater monitoring wells. The proposed sampling locations are shown in Drawing 3. Details of the field work are described below.

3.1 Field Preparation

Prior to conducting field work at the site, the following activities must be completed.

Utility Clearance. ATC will mark the proposed soil boring locations at least 48 hours prior to conducting the work at the site. ATC will contact Underground Service Alert. A private utility locator will be retained by ATC to mark underground utilities in the areas of the proposed sampling locations. For locations which cannot be cleared by a utility locator, such as the process areas, the upper five feet will cleared with a hand auger prior to drilling.

Health and Safety Plan. A site-specific Health and Safety Plan (HASP) will be prepared for use during the planned field activities. The HASP is consistent with the requirements of the Code of Federal Regulations. (CFR) and the California Code of Regulations (CCR) pertaining to the requirements identified in 29 CFR 1910.120 and 8 CCR 5192). The HASP includes information related to the following:

- Identification and description of potentially hazardous substances that may be encountered during the field investigation.
- Description of personal protective equipment and clothing appropriate for the field investigation activities (Level D protection is anticipated for the planned field activities).
- Identification of measures that would be implemented in the event of an emergency, including a map that shows the route to the nearest emergency hospital.

ATC field personnel and subcontractors will review the HASP prior to commencing field work. A health and safety meeting (i.e., "tailgate" meeting) will be conducted by the Site Health and Safety Officer each morning, and a record of meeting attendance will be maintained. All on-site personnel will be required to sign the daily health and safety briefing form.

Process Area Cleanout. Prior to the start of soil sampling, Excello will need to provide access to the process areas. The wooden platform walkways will need to be removed and the concrete floor cleaned of any waste material from the tanks.

Offsite Clearance. Three groundwater monitoring wells are proposed to be located off-site, on property owned by Ralphs (which is currently used as a warehouse and truck terminal). Written permission to install the wells on their property must be obtained prior to beginning work.

Well Permits. According to the County of Los Angeles Department of Health Services, a well permit fee is required for each well installed on private property. A site plan and well construction details are required prior to installation.

3.2 Soil Sampling

Twenty-nine locations are proposed for the collection of soil samples, as shown in Drawing 3. None of these locations will be converted into groundwater monitoring wells. Soil samples will be collected from the following areas:

- Twelve boreholes are proposed in the Decorative Chrome Plating Department.
- Four boreholes are proposed in the Anodizing Plating Process Area.
- Four boreholes are proposed in the Hard Chrome Process Area.
- Three boreholes are proposed in the center of the building: two boreholes located adjacent to floor drains, and one borehole located adjacent to the former location of the vapor degreaser.
- Two boreholes are proposed within the drum storage area.
- Four boreholes are outside the building: one near the rear of the building, one near the shed, and two boreholes near the clarifier.

The soil borings will be advanced to a maximum depth of 35 feet. Groundwater is anticipated to be encountered at a depth of approximately 40 feet. No soil samples will be collected below the groundwater table. Soil samples will be collected at depths of 1, 5, 10, 15, 20, 25, 30, and 35 feet.

The soil samples will be collected with either a push-driven "Geoprobe-type" sampler or with a hollow stem auger rig, depending on accessibility, as described below.

Process Areas. The process areas are surrounded by a concrete berm and contain numerous structures which prohibit the use of standard hollow-stem auger drilling equipment. A smaller limited access drill rig will be required, which uses a direct-push sampler. A sample depth of 35 feet may not be achievable with the smaller rig.

Locations in the center of building and outside the building. Soil samples from the center of the building and outside of the building will be collected with a hollow stem auger rig.

Drum storage area. The drum storage area is a three-sided structure, with a height of about 10 feet. A concrete berm, about 6-inches high, surrounds the storage area. The floor of the storage area appears to be asphalt. A small drill rig, such as that proposed for the process areas will be required to collect the soil samples from the storage areas.

Soil samples collected with a push-type sampler will be collected in 2-foot long, 1-inch diameter acetate liners. Soil samples collected with a hollow stem auger will be collected in brass or stainless-steel sleeves. All soil samples will be characterized using the Unified Soil Classification System (USCS). Information such as color, texture, relative moisture content, and odor will be entered onto boring logs in the field. The presence of total volatile organic compounds (VOCs) in the soil samples will be monitored

using a photoionization detector (PID) or similar device. The pH of the soil samples from depths of 1, 5, and 10 feet will evaluated in the field. The soil samples to be submitted to the laboratory will be sealed using Teflon sheets and plastic (or rubber) end caps, labeled, and placed in individual resealable plastic bags.

The soil samples will be placed into a chilled cooler for transport under chain-of-custody documentation to a State-certified laboratory for analysis under normal turn around time frames.

Downhole equipment such as sampling rods, and augers will be decontaminated between each soil boring location using a solution of Alquinox (or a similar appropriate solution), a double rinse of tap water, and a single rinse of deionized water.

3.3 Well Installation

Eight (8) groundwater wells will be installed, as shown in Drawing 3. Three (3) wells are proposed to be completed inside the building, two (2) wells are proposed outside in the Excello parking area, and three (3) wells are proposed in the adjacent property belonging to Ralphs. The wells located inside the building will be drilled with a limited access hollow stem auger rig, equivalent to a CME 75. The wells located outside the building will be completed with a CME 75 hollow stem auger rig.

All boreholes will be hand augered to a depth of 5 feet for utility clearance. Soil samples will be collected at depths of 5, 10, 15, 20, 25, 30, and 35 feet. No soil samples will be collected below the water table. Upon retrieval of the soil sample, the ends of the sampler will be monitored for the presence of volatile organic compounds (VOCs) using a photo-ionization detector (PID). The VOC readings will be recorded on the boring logs. The ends of the sample will be sealed with Teflon sheets, capped, and stored in a chilled cooler for possible analytical analysis. The soil samples will be analyzed for Title 22 Metals using EPA Method 6010B; Chrome VI using EPA 7196; and 1,4-dioxane and 1,2,3-trichloropropane using EPA Method 8260B Modified.

A groundwater monitoring well will be constructed within each of the eight boreholes. The wells will be constructed with 4-inch diameter, Schedule 40, polyvinyl chloride (PVC) casing and screen, with 30 feet of screen, placed 10 feet above the water level and 20 feet below the water table (at a depth of 30 to 60 feet). The well head will be constructed slightly above-grade to allow for liquid run-off, within traffic-rated boxes.

The wells will be surged prior to adding the well seal. Once the seal is in place and allowed to set, the well can be developed and sampled. The wells will be developed with a development rig at least 48 hours after the well has been installed. During well development, turbidity will be monitored. Purge water generated during the sampling event will be stored in a secure area on site in Department of Transportation (DOT)-approved 55-gallon drums. The drums will be removed when all the analytical data has been obtained. Groundwater sampling can be completed at least 7 days after the wells have been developed.

Typically three well volumes are removed prior to sampling. Temperature, pH, and conductivity of the groundwater are recorded to verify that these parameters are stable prior to sampling. A dedicated disposable sample bailer will be used to collect the water sample from each well. Each groundwater sample will be contained in 40-milliliter vials for VOC analysis.

3.4 Laboratory Analysis.

ATC plans to use Enviro-Chem Laboratories (Enviro-Chem), located in Pomona, California, or one their subcontract laboratories, for the analysis of soil and groundwater samples. Enviro-Chem and their subcontract laboratories are state-certified laboratories.

Soil Samples. The soil samples will be analyzed for one or more of the following analytical methods:

- California Code of Regulations (CCR) Title 22 Metals -- USEPA Method 6010B/7471A
- Chromium VI -- USEPA Method 7196A, with a detection limit of 0.2 to 0.5 milligrams per kilogram (mg/kg)
- Cyanide – USEPA Method 9010B
- 1,4-Dioxane -- USEPA Method 8260B Modified, with a detection limit of 10 mg/kg.
- 1,2,3-Trichloropropane -- USEPA Method 8260B Modified, with a detection limit of 10 mg/kg.
- Soluble Threshold Limit Concentration (STLC) if needed -- USEPA Method 6010B
- Toxicity Concentration Leaching Procedure (TCLP) if needed – USEPA Method 7470A

Soil samples will be analyzed for Title 22 metals, chromium VI, metals, cyanide, 1,4-dioxane, and 1,2,3-trichloropropane as listed in Tables 1 and 2. For estimating purposes, ATC assumes that soil borings can be drilled to a depth of 35 feet and the total number of soil samples to be analyzed is as follows:

- A total of 296 soil samples will be analyzed for Title 22 metals (eight samples per borehole, 37 locations, collected from depths of 1, 5, 10, 15, 20, 25, 30 and 35 feet bgs) using EPA Method 7196A.
- A total of 296 soil samples will be analyzed for chromium VI (eight samples per borehole, 37 locations, collected from depths of 1, 5, 10, 15, 20, 25, 30 and 35 feet bgs) using EPA Method 6010B/7471A.
- Based on discussions with Mr. Mr. Mohammad Zaidi, soil samples from B11, B23, B29, MW4 and MW5 will be submitted for analysis of 1,4-dioxane using EPA Method 8260B. A total of 40 samples will be analyzed for 1,4-dioxane and 1,2,3-trichloropropane (eight samples per borehole, 5 locations, collected from depths of 1, 5, 10, 15, 20, 25, 30, and 35 feet bgs).
- A total of 87 soil samples will be analyzed for cyanide (three samples per borehole, collected from depths of 1, 5, and 10 feet bgs) using EPA Method 9010B. No samples collected from the monitoring wells will be analyzed for cyanide since the wells are not located directly in the process areas.
- A total of 111 soil samples will be analyzed in the field for pH (three samples per borehole, 37 locations, collected from depths of 1, 5, and 10 feet bgs).

Groundwater. All eight groundwater samples will be analyzed by the following analytical methods:

- California Code of Regulations (CCR) Title 22 Metals -- USEPA Method 6010B/7471A
- Chromium VI -- USEPA Method 7199 (equivalent to EPA Method 218.6), with a detection limit of 0.2 micrograms per liter (ug/L)
- Cyanide -- USEPA Method 9010B
- 1,4-Dioxane -- USEPA Method 8260B Modified, with a detection limit of 2 ug/L .
- 1,2,3-Trichloropropane -- USEPA Method 524.2, with a detection limit of 0.005 ug/L.

In addition two water samples, one collected from the upgradient well and one from the downgradient well, will be analyzed for general minerals. For quality control and quality assurance purposes, a duplicate sample and equipment blank will be collected and analyzed.

3.5 Elevation Survey

ATC will retain a licensed surveyor to survey all groundwater monitoring wells, all soil sampling locations, and potential release points of major structures within the building.

3.6 Report

A technical report documenting the soil and groundwater sampling methods and analytical results will be completed. The report will include a site history, tabulation of all analytical data, contour plots of soil and groundwater data, an evaluation of cleanup goals (which will be developed according to the requirements in the CAO.

3.7 Schedule

After written approval of the Work Plan as been received from the RWQCB, and ATC has received written authorization from Excello, the pre-field activities can begin within three to five days. ATC will try to obtain the written access agreement from Ralphs, ATC will contact the utility locator to clear the boreholes, and ATC will obtain the well permits. Drilling with the limited access areas inside the building is estimated to take five days. Drilling and installing the wells is estimated to take six days. Groundwater sampling can be conducted seven days after the wells are developed. ATC typically receives the analytical data within seven of submittal of the samples. After all the analytical data has been received, ATC will require about eight weeks to tabulate the soil and groundwater data, generate cross-sections and contour plots of each sampling interval of relevant chemicals of interest and write the report.

Table 1. Borehole Locations and Analses to be Completed at Each Location
Excello Plating
4057 Goodwin Avenue, Los Angeles, California

Borehole	Location	Adjacent Structure	Total Depth (feet)	Analyses - Depth of samples (feet)	
				1, 5, 10, 15, 20, 25, 30, 35	1, 5, 10
B1	Process Area A	Tank 3 - Cadmium bath	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B2	Process Area A	Tank 3 - Cadmium bath	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B3	Process Area A	Tank 4 - Cadmium Dead Tank	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B4	Process Area A	Tank 4D - Nitric and Sulfuric Tank	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B5	Process Area A	Tank 6 - Copper Plating	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B6	Process Area A	Tank 7 - Nickel Tank	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B7	Process Area A	Tank 7 - Nickel Tank	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B8	Process Area A	Acid and Rinse Tanks	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B9	Process Area A	Tank 9 - Decorative Chrome	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B10	Process Area A	Tank 9B - Chrome Reduction	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B11	Near lunch room	Historic location of degreaser	35	CAM 17 metals, Chrome VI, 1,4-Dioxane, 1,2,3-Trichlorpropane	Cyanide pH (field test)
B12	Process Area A	Tank 26 - Cadmium Strip	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B13	Process Area A	Tank 31b,d,e - Chrome Rinse	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B14	Center of building	Adjacent to floor drain	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B15	Process Area B	Tank 12 - Sodium Dichromate	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B16	Process Area B	Tank 17 - Chem Film Clear	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)

Table 1. Borehole Locations and Analses to be Completed at Each Location
Excello Plating
4057 Goodwin Avenue, Los Angeles, California

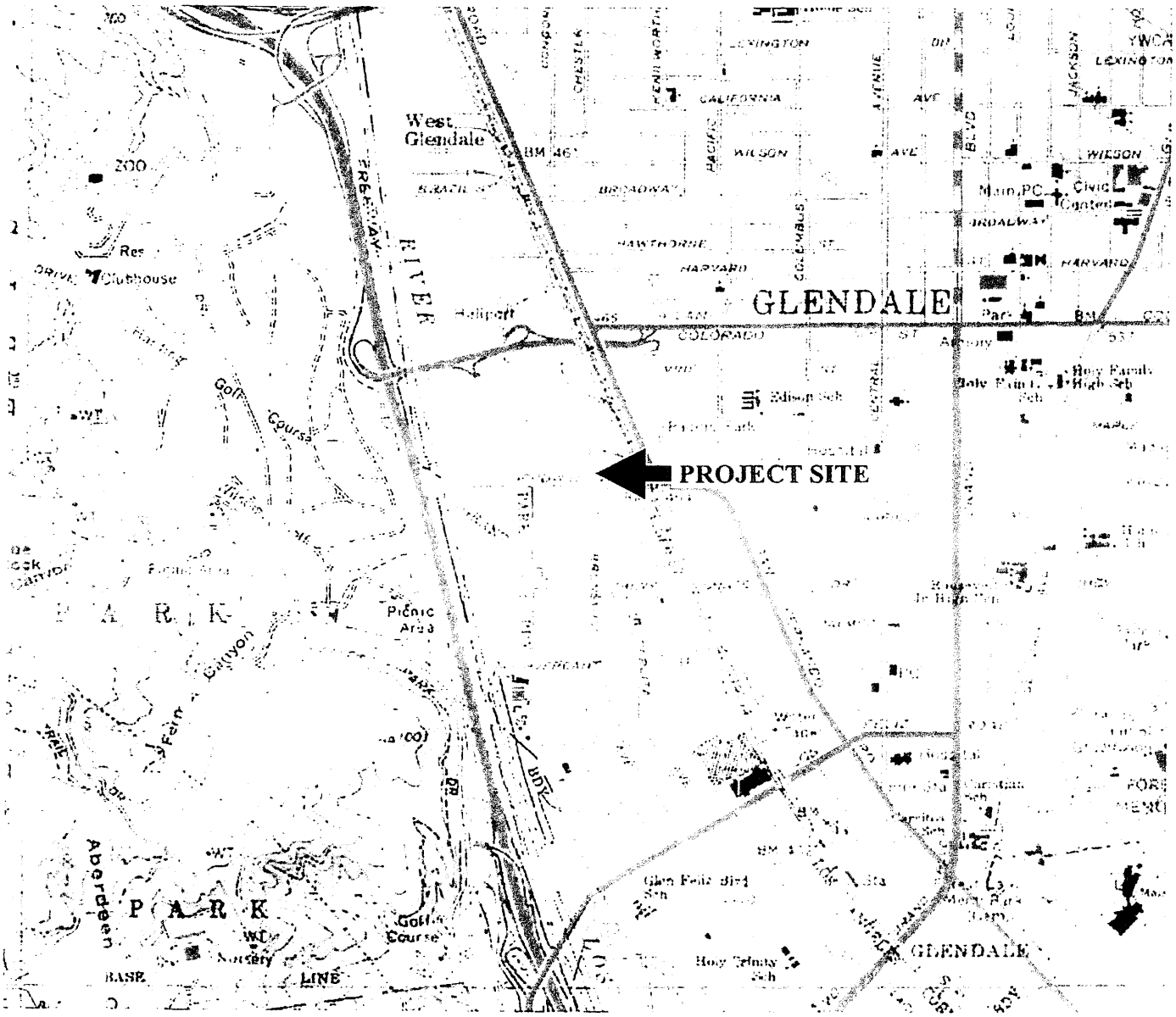
Borehole	Location	Adjacent Structure	Total Depth (feet)	Analyses - Depth of samples (feet)	
				1, 5, 10, 15, 20, 25, 30, 35	1, 5, 10
B17	Process Area B	Tank 17 - Chromic Acid Anodize	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B18	Process Area B	Tank 18 - Sulfuric Acid Anodize	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B19	Outside Process Area C	Tank 19 - Hard Chrome	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B20	Process Area C	Close to Tank 20 - Hard Chrome	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B21	Process Area C	Tank 22 - Hard Chrome	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B22	Process Area C	Tank 21 - Hard Chrome	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B23	Center of building	Adjacent to floor drain	35	CAM 17 metals, Chrome VI, 1,4-Dioxane, 1,2,3-Trichlorpropane	Cyanide pH (field test)
B24	Covered drum storage area	Main building	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B25	Covered drum storage area	Main building	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B26	Outside, near door	Main building	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B27	Outside, Excello parking area	Adjacent to clarifier	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B28	Outside, Excello parking area	Adjacent to clarifier	35	CAM 17 metals, Chrome VI	Cyanide pH (field test)
B29	Outside	Adjacent to shed	35	CAM 17 metals, Chrome VI, 1,4-Dioxane, 1,2,3-Trichlorpropane	Cyanide pH (field test)

Table 2. Monitoring Wells, Locations, and Analyses
Excello Plating
4057 Goodwin Avenue
Los angeles, California

Well	Location	Adjacent Structure	Soil Samples (Depth)	Soil Analyses	Groundwater Analyses
MW1	Excello Parking Area	Upgradient of Hard Chrome Area	1, 5, 10, 15, 20, 25, 30, 35	Title 22 metals Chrome VI - EPA 7196 (continuous core)	Title 22 metals VOCs - EPA 8260 Chrome VI - EPA 7199 General Minerals 1,4-Dioxane - EPA Method 8260B 1,2,3-Trichloropropane - EPA Method 524.2
MW2	Excello Parking Area	Up-gradient of Anodized Plating Process Area	1, 5, 10, 15, 20, 25, 30, 35	Title 22 metals Chrome VI - EPA 7196	Title 22 metals VOCs - EPA 8260 Chrome VI - EPA 7199 1,4-Dioxane - EPA 8260B Mod 1,2,3-Trichloropropane - 524.2
MW3	Inside center of building	Down-gradient of Hard Chrome Area	1, 5, 10, 15, 20, 25, 30, 35	Title 22 metals Chrome VI - EPA 7196	Title 22 metals VOCs - EPA 8260 Chrome VI - EPA 7199
MW4	Inside center of building	Anodized Plating Process Area and historic location of solvent gas plume	1, 5, 10, 15, 20, 25, 30, 35	Title 22 metals Chrome VI - EPA 7196 1,4-Dioxane - EPA 8260B Mod 1,2,3-Trichloropropane - EPA 8260B Mod	Title 22 metals VOCs - EPA 8260 Chrome VI - EPA 7199 1,4-Dioxane - EPA 8260B Mod 1,2,3-Trichloropropane - 524.2
MW5	Inside center of building	Up-gradient of Decorative Chrome Plating Department	1, 5, 10, 15, 20, 25, 30, 35	Title 22 metals Chrome VI - EPA 7196 1,4-Dioxane - EPA 8260B Mod 1,2,3-Trichloropropane - EPA 8260B Mod	Title 22 metals VOCs - EPA 8260 Chrome VI - EPA 7199 1,4-Dioxane - EPA 8260B Mod 1,2,3-Trichloropropane - 524.2
MW6	Ralphs parking area	Drum storage area	1, 5, 10, 15, 20, 25, 30, 35	Title 22 metals Chrome VI - EPA 7196	Title 22 metals VOCs - EPA 8260 Chrome VI - EPA 7199 1,4-Dioxane - EPA 8260B Mod 1,2,3-Trichloropropane - 524.2
MW7	Ralphs parking area	Down-gradient of Tank 9 - Decorative Chrome	1, 5, 10, 15, 20, 25, 30, 35	Title 22 metals Chrome VI - EPA 7196	Title 22 metals VOCs - EPA 8260 Chrome VI - EPA 7199 1,4-Dioxane - EPA 8260B Mod 1,2,3-Trichloropropane - 524.2

Table 2. Monitoring Wells, Locations, and Analyses
Excello Plating
4057 Goodwin Avenue
Los angeles, California

Well	Location	Adjacent Structure	Soil Samples (Depth)	Soil Analyses	Groundwater Analyses
MW8	Ralphs parking area	Down-gradient of Decorative Chrome Plating Department	1, 5, 10, 15, 20, 25, 30, 35	Title 22 metals Chrome VI - EPA 7196	Title 22 metals VOCs - EPA 8260 Chrome VI - EPA 7199 General Minerals 1,4-Dioxane - EPA 8260B 1,2,3-Trichloropropane - 524.2



FROM USGS 7.5 MINUTE QUADRANGLE, BURBANK, CALIFORNIA (1966, PHOTOREVISED 1972)

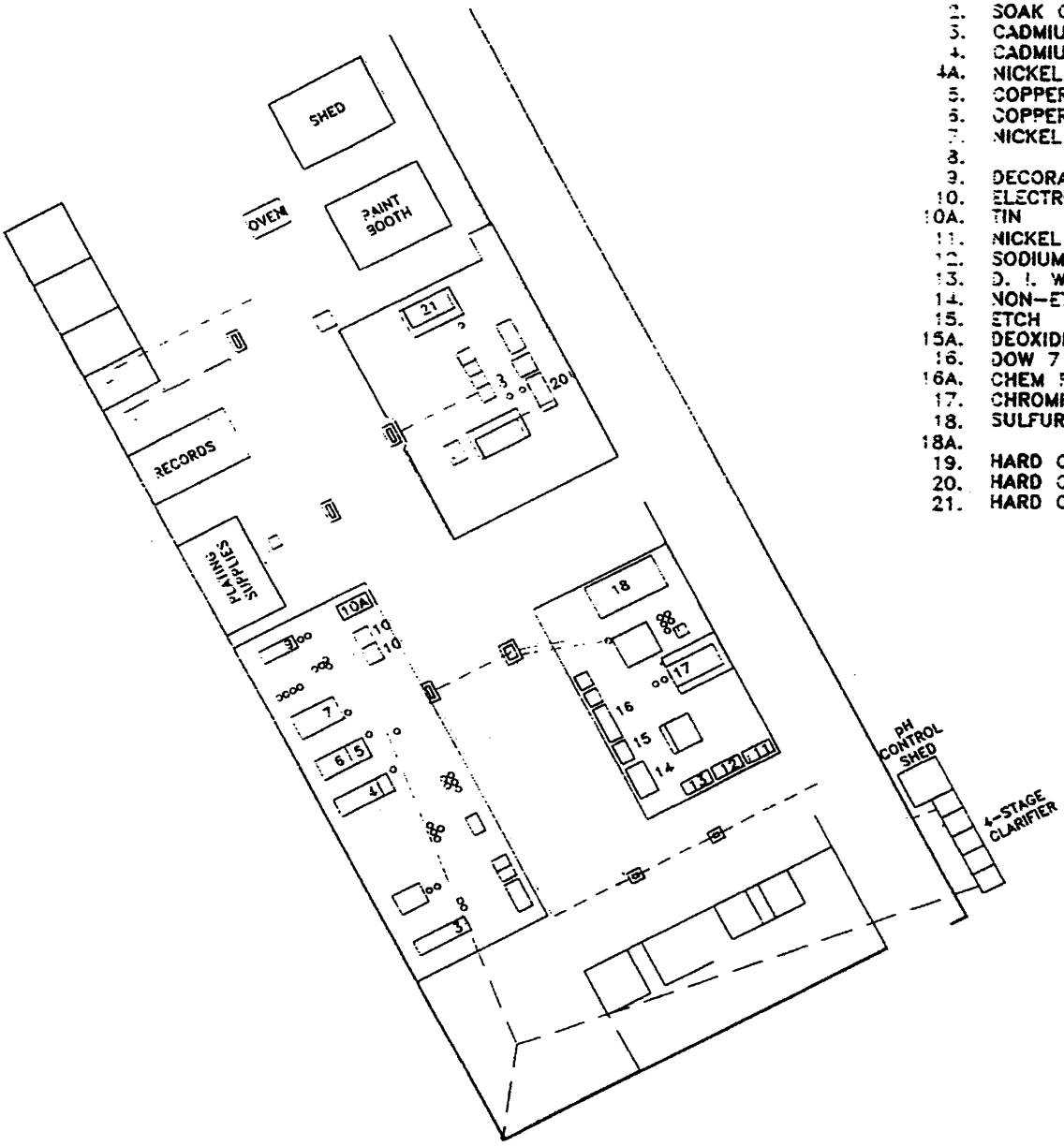
0 2000 4000

SCALE IN FEET 1" = 2000'

N

SITE VICINITY MAP

PROJECT NAME: WORK PLAN FOR SITE ASSESSMENT EXCELLO PLATING 4057 GOODWIN AVENUE LOS ANGELES, CALIFORNIA PROJECT NO : 52.26167.0001	VATC ASSOCIATES INC	DRAWING 1



KEY

SEWER LINE

CLARIFIER LINE

FLOOR DRAIN

1. ELECTRO CLEAN
2. SOAK CLEAN
3. CADMIUM BATH
4. CADMIUM
4A. NICKEL STRIKE
5. COPPER STRIKE
6. COPPER PLATING
7. NICKEL
8.
9. DECORATIVE CHROME
10. ELECTRO CLEAN
10A. TIN
11. NICKEL ACETATE
12. SODIUM DECHROMATE
13. D. I. WATER
14. NON-ETCH CLEANER
15. ETCH
15A. DEOXIDIZER
16. DOW 7
16A. CHEM FILM
17. CHROMIC ACID ANODIZE
18. SULFURIC ACID ANODIZE
18A.
19. HARD CHROME
20. HARD CHROME
21. HARD CHROME

N

PLOT PLAN SHOWING SITE USAGE

MODIFIED FROM DAILY ENVIRONMENTAL SERVICES, 1996

NOT TO SCALE

PROJECT: WORKPLAN FOR SITE ASSESSMENT
EXCELLO PLATING
4057 GOODWIN AVENUE
LOS ANGELES, CALIFORNIA

PROJECT NO: 52.26167.0001

ATC ASSOCIATES INC.

DRAWING 2

APPENDIX G - REVISED CLEANUP AND ABATEMENT ORDER

California Regional Water Quality Control Board

Los Angeles Region

Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Alan C. Lloyd, Ph.D.
Agency Secretary

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: http://www.waterboards.ca.gov/losangeles

Arnold Schwarzenegge
Governor

June 2, 2005

Ms. Alice C. Clarno, EA, ATA
The Spirito Family Trust
1801 South Myrtle Avenue, Suite H,
Monrovia, California 91016-4800,

Certified Mail
Return Receipt Requested
Claim No. 7003 3110 0003 3258 1218

Mr. Glen Harleman
Excello Plating Company Inc.
4057Goodwin Avenue
Los Angeles, CA 90039

Certified Mail
Return Receipt Requested
Claim No. 7003 3110 0003 3258 1225

REVISED CLEANUP AND ABATEMENT ORDER NO. R4-2003-0038-R FOR EXCELLO PLATING COMPANY INC., 4057 GOODWIN AVENUE, LOS ANGELES, CALIFORNIA (FILE NO. 113.5243)

Dear Ms. Clarno and Mr. Harleman:

Enclosed is the revised Cleanup and Abatement Order No. R4-2003-0038-R (Order), directing the Spirito Family Trust (Trust) and Excello Plating Company Inc. (Excello Plating) to assess, cleanup, and abate the effects of wastes discharged to soil and groundwater at the subject facility. This enforcement Order is issued under section 13304 of the California Water Code. Should the Trust and Excello Plating fail to comply with any provision of this Order, they may be subject to further enforcement action, including injunction and civil monetary remedies, pursuant to applicable California Water Code sections including, but not limited to, sections 13304, 13308, and 13350.

Pursuant to California Water Code, section 13320, the Trust and Excello Plating may seek review of this Order by filing a petition with the State Water Resources Control Board (State Board). Such a petition must be received by the State Board, located at P.O. Box 100, 1001 I Street, Sacramento, California, 95814, within 30 days of the date of this Order.

Should you have questions or wish to discuss details, please contact Mr. Dixon Oriola at (213) 576-6803 or Mr. Larry Moore at (213) 576-6730.

Sincerely,

Jonathan S. Bishop
Executive Officer

Enclosure: Revised Cleanup and Abatement Order No. R4-2003-0038-R

cc:

Mr. Robert Sams, State Water Resources Control Board, Office of Chief Counsel
Ms. Sayareh Amirebrahimi, State Department of Toxic Substances Control, Glendale Office
Mr. Kurt Souz, State Department of Health Services, Drinking Water Field Operations Branch
Mr. David Stensby, US Environmental Protection Agency, Region IX, San Francisco Phone -
Mr. Mark Mackowski, Upper Los Angeles River Area (ULARA) Watermaster
Mr. Peter Kavounas, City of Glendale
Mr. Ed Nathan, 5430 Glendale LLC
Mr. Bill Mace, City of Burbank Water Supply Department
Ms. Patricia Bilgin, Los Angeles City Attorney Office
Mr. Vaughn Minassian, Los Angeles City Attorney Office
Mr. Mark Gilmartin, Law Offices of Mark Gilmartin
Mr. Daniel Klier, Law Offices of Daniel Klier, Esq.

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

Cleanup & Abatement Order No. R4-2003-0038-R
Requiring
The Spirito Family Trust and
Excello Plating Company, Inc.
To
Assess, Cleanup and Abate the Effects of Contaminants
Discharged to Soil and Groundwater within the
Glendale South Operable Unit (GSOU)

(FILE NO. 113.5243)

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board) finds that:

BACKGROUND

1. **San Fernando Basin:** The alluvial basin underlying the San Fernando Valley is an important source of groundwater, providing drinking water to over 1 million residents in the Los Angeles Region. As set forth in the ***Water Quality Control Plan for the Los Angeles Region (Basin Plan),*** adopted on June 13, 1994, the Regional Board has designated beneficial uses for groundwater in the San Fernando Basin (among which are municipal and domestic drinking water supplies), and has established water quality objectives for the protection of those beneficial uses.

2. **Water Quality in the San Fernando Basin:** Volatile organic compounds (VOCs) were first discovered in a San Fernando Basin well in 1979. Since then, all City of Burbank wells used for pumping groundwater for drinking water purposes have been impaired by VOC pollution. In 1986, the US Environmental Protection Agency (USEPA) placed four areas of groundwater contamination and adjacent areas where contamination has (or may have) migrated as one large site called the San Fernando Valley Superfund Site on the National Priorities List[1], pursuant to section 105 of CERCLA, 42 USC §9605. USEPA has divided the San Fernando Valley Superfund Site into five operable units (OUs). Each OU represents an interim containment remedy currently in progress in the eastern San Fernando Valley. The Excello Plating Company facility is located within the Glendale South Operable Unit (GSOU) on real property owned by the Spirito Family Trust.

   New information made available to the Regional Board demonstrates that some of the groundwater supply wells in the San Fernando Basin have been impacted by heavy metals, such as chromium and hexavalent chromium. Chromium concentrations exceed current safe drinking water standards at some locations in the San Fernando Valley and chromium threatens the drinking water resource of the San Fernando Basin. The Maximum Contaminant Level (MCL) for total chromium in California drinking water is 50 micrograms per liter (µg/L). As a result, the Regional Board is currently investigating potential sources of chromium pollution.

[1] List of contaminated sites that pose a threat to human health and/or the environment, and are prioritized by USEPA and the public in terms of their relative risk to human health and/or the environment.

3. **Discharger Responsibilities:** Excello Plating Company, Inc. (hereinafter Excello) has been named a responsible party by USEPA for releasing chlorinated organic solvents within the GSOU. The results from subsurface investigations have determined that the soil and groundwater are contaminated with chlorinated solvents and heavy metals including chromium. The primary pollutants under investigation within the GSOU are chlorinated VOCs and heavy metals including chromium.

4. **Location:** The Excello facility is located on the real property owned by the Spirito Family Trust (hereinafter Trust) at 4057 Goodwin Avenue, Los Angeles, California (hereinafter Site) (See Attachment A – Figure 1). A plot plan of the Site is presented as Figure 2 of Attachment A. As detailed in the findings below, the activities at the Site have caused the release of wastes to the subsurface resulting in soil contamination and the impairment of groundwater resources within the GSOU.

SITE HISTORY

5. **Site Activities:** The Site was occupied by Plating Engineering, Inc. from 1946 to 1956, and has been occupied by Excello from 1956 to the present. Excello has been conducting cadmium, chromium, nickel, zinc, tin and copper plating, anodizing, and painting of aerospace parts since 1967. Since 1946, however, plating operations have been conducted at the property. The facility, a 175 feet long and 75 feet wide building houses three main process areas: Decorative Chrome Plating Department, Anodizing Plating Process Area, and Hard Chrome Process Area. These areas contain approximately 31 open-topped aboveground tanks, a degreaser, floor drains, subsurface sumps, a paint booth, and an office.

   A network of subsurface sumps, which collects spills from the process tanks, underlays the three main process areas. Waste liquids from the tanks and sumps are discharged to the floor drains, partially recycled, and then discharged through a 4-stage clarifier into the sanitary sewer under an industrial permit from the City of Los Angeles. According to a report titled *Results of Soil Gas Survey and Groundwater Investigation* dated September 30, 1996 which was prepared by Daly Environmental Services, waste liquids were either disposed (via clarifier) to the sewer or hauled to Norris Industries in Vernon, California, for treatment and subsequent disposal. Waste liquids disposed to the sewer were reportedly sampled on a monthly basis by both the City and facility personnel and analyzed for disposal compliance.

   Chemical Usage: Chemical Usage: On August 30, 1993, Excello reported to the Regional Board in a Site Audit Questionnaire (SAQ) the use, storage or disposal of VOCs such as 1,1,1-trichloroethane (1,1,1-TCA) and perchloroethylene (PCE), heavy metal compounds such as those of chromium, cadmium, nickel, zinc, tin and copper, acids, bases, and sodium cyanide. Excello also provided a tank schedule, Hazardous Materials and Hazardous Waste Inventory forms, and uniform hazardous waste manifests.

EVIDENCE OF CONTAMINATION AND BASIS FOR SECTION 13304 ORDER

7. **Facility Inspection:** A joint inspection of the facility was conducted by staff of the Regional Board, California Department of Toxic Substance Control (DTSC), and County of Los Angeles Fire Department on August 21, 2002. Regional Board staff conducted a visual inspection of the facility (Inspection Report, dated August 29, 2002), but DTSC also collected seven samples from the facility (*Complaint Investigation Report*, dated October 24, 2002). The inspection was prompted by a report of a fire at the facility made to the Fire Department for the City of Los Angeles on July 5, 2002.

a) Photographs taken by City of Glendale staff during an inspection of the facility on August 21, 2002 depict a green liquid oozing out of the bottom of the western wall. The green liquid flowed towards an adjacent USEPA extraction well, GS-3. These photographs were forwarded to the Regional Board on August 13, 2002. A green discoloration was observed on the floor at several locations along the bottom of the western wall and on the pavement next to GS-3. DTSC collected samples of solid and liquid materials in a floor sump in the interior of the Excello building, outside the western wall, from a couple of plastic aboveground tanks (1,000-gallon and a 500-gallon), and the 4-stage clarifier. The sample of the green material collected at the foot of the wall contained 48,000 milligrams per kilogram (mg/kg) of nickel, and 170 mg/kg of cadmium. Camp, Dresser & McKee (CDM), the contractor tasked with monitoring of GS-3 for USEPA, collected a sample from the same section of the western wall and reported the laboratory results as containing 220,000 mg/kg of nickel. According to CDM, greenish material has been noted at the joint between the foundation and the western wall of the Excello building since 1997, indicating periodic releases at the Excello building.

b) Five 100-pound containers labeled as *Chromic Acid Flakes*, a 55-gallon drum of methyl ethyl ketone (MEK), and hazardous waste debris were found stored in containers along the northern boundary fence. During the joint inspection, DTSC collected samples of floor sweeps in the containers and found 32,000 mg/kg of chromium, 23,000 mg/kg of chromium VI, and 12,000 mg/kg of zinc. These materials had been thrown away in the municipal trash, and not managed as hazardous waste.

c) The sample collected by DTSC from the floor sumps located east of the main decorative chrome plating department contained 2,000 mg/kg of PCE and 520 mg/kg of cadmium.

d) The sample of the brass shavings from the collection basin in the Brass Polishing Unit contained 77,000 mg/kg of copper, 3,100 mg/kg of nickel, 13,000 mg/kg of zinc, and 2,000 mg/kg of lead. These shavings were reportedly disposed of into the municipal trash on a regular basis, and not managed as hazardous waste

e) A few above ground tanks, 55-gallon drums, and 5-gallon containers were also found stored along the northwestern corner of the facility outside the building. The aboveground tanks included a 1,000-gallon cylindrical plastic tank and a larger rectangular plastic tank containing chromic acid. According to DTSC, the 1,000-gallon tank had been on-site for approximately one year and had been leaking. A sample of its contents contained 140,000 mg/kg of chromium, 100,000 mg/kg of chromium VI, and a pH of less than 2. A 55-gallon

plastic drum contained oakite, and a few 5-gallon containers had muriatic acid and nitric acid. A cyanide storage area was located outside along the northern wall of the building.

f) During the inspection, Regional Board staff observed chemical residues, precipitates, and discoloration on visible areas of subsurface sump walls, parts of wooden platform between the process tanks, and margins of the tanks, indicative of corrosion and prior chemical spills. The bottom of the process tanks and bottom of the subsurface sumps could not be observed because of active operations in the three process areas. DTSC staff also reported unmarked pipes in the process areas, fire damage to the area of the western wall, floor covered with a layer of hardened chemical, cracks in the floor and evidence of numerous spills which could have compromised the bottom of the sumps. After 58 years of plating operations, the cracks in the sump floor along with the presence of chemical residues and discoloration and evidence of numerous spills could possibly have provided continual pathways for migration of hazardous waste discharges to the soil and groundwater beneath the facility.

8. **Groundwater Monitoring of Downgradient Wells:** In 2003, The City of Glendale (City) collected groundwater samples from the four extraction wells in the GSOU including GS-3. Monthly, the City collected groundwater samples from GS-3, the immediately downgradient well, and noted a concentration range for dissolved chromium between 37 micrograms per liter (µg/L) to 43 µg/L. During the same timeframe, The City noted a concentration range for chromium VI between 36 µg/L and 44 µg/L. The range of chromium VI concentrations in well GS-3 remained the highest of the four extraction wells sampled by the City for 2003.

   A 74-foot deep groundwater monitoring well, POVPBP-02 owned by USEPA, is screened from 50 to 70 feet below ground surface (bgs). This well is located 21 feet south-southwest of Excello on Goodwin Avenue. Groundwater has been encountered in the well at approximately 45 feet bgs. Sampling results from this well for 2003 contained 120 to 360 µg/L of TCE, 59 to 170 µg/L of PCE, and 251 to 415 mg/L of chromium VI. Additionally, dissolved chromium was detected at a concentration of 280 µg/L. No hydraulically upgradient wells or on-site groundwater monitoring wells exist at the facility.

9. **Waste Releases:** Under the direction of Regional Board staff, Excello has conducted soil gas surveys at the Site in November 1993, September 1994 (*Phase II Soil Vapor Survey Report, Aerovironment, September 1994*), and September 30, 1996 (*Results of Soil Gas Survey and Groundwater Investigation, Daly Environmental Services*). Results of the 1993 and 1994 soil gas surveys indicated that 1,1,1-TCA at a maximum concentration of 6,605 µg/L, TCE at a maximum concentration of 72 µg/L, PCE at a maximum concentration of 21 µg/L, and 1,1-dichloroethylene (1,1-DCE) at a maximum concentration of 54 µg/L were encountered at 5 feet bgs in probe SG-17 located in the south-central part of the facility near a floor drain. In the probe SG-17, 1,1,1-TCA concentration decreased at 15 feet below ground surface (bgs) to 884 µg/L. The results of the September 1996 soil gas survey performed to a maximum depth of 35 feet bgs at six locations did not encounter chlorinated solvents concentrations exceeding 21 µg/L. Based on the results of the soil gas surveys, it was concluded that the concentrations significantly decreased at 35 feet bgs. No soil samples were collected from the Site and analyzed for heavy metals and no groundwater monitoring wells were installed on-site to determine any heavy metals contamination in groundwater underlying the Site. Based on the results of the two soil gas surveys, Regional Board staff determined that 1,1,1-TCA, PCE, and 1,1,-DCE contamination in the soil was either limited to a very small volume of soil or was diminished by natural processes, and was not a substantial continuing threat to

groundwater quality and that cleanup was not warranted. Therefore, Regional Board staff issued a "No Further Requirements" letter to Excello on December 26, 1996.

10. **Emerging Chemicals:** According to Regional Board records, Excello has not tested for the emerging chemicals 1,4-dioxane and 1,2,3-trichloropropane, chemicals often used as stabilizers for TCE, PCE, and/or 1,1,1-trichloroethane (1,1,1-TCA).

11. **Regulatory Status:** The purpose of this revised Cleanup and Abatement Order (CAO) is to ensure that Excello and the Trust complete an assessment, on-site and off-site, to delineate the lateral and vertical extent of heavy metal contaminants (specifically chromium) and, as necessary, undertake remediation of the impacted soil and groundwater, on-site and off-site. This soil assessment and cleanup effort is being coordinated with USEPA's effort to remediate groundwater in the GSOU.

    USEPA has designated several responsible parties liable for remedial action costs in the GSOU. At the present time, USEPA has reached an agreement whereby responsible parties in the GSOU will share costs and implement the interim remedial action plan. Excello has been named as a responsible party for VOC cleanup of the groundwater in the GSOU. Heavy metals including chromium contamination are not addressed in USEPA's GSOU remedy.

12. **Sources of Information:** The sources for the evidence summarized above include, but are not limited to: *Site Audit Questionnaire, dated August 30, 1993*; various technical reports submitted by Excello or its representatives to the Regional Board from 1993 through 2004; site inspections, meetings, written letters, telephone communications, and workplans between Regional Board staff and Excello and their representatives from 1993 through 2004.

CONCLUSION

13. **Pollution of Waters of the State:** The unauthorized discharge of wastes by Excello within the GSOU was not permitted and is in violation of water quality objectives established in the ***1994 Basin Plan***. Excello's past activities have contaminated the underlying soil and groundwater within the GSOU.

14. **Regional Board Authority:** Section 13304 of the California Water Code states, in part, that:

    > "Any person..., who has caused or permitted ..., any waste to be discharged or deposited where it is, or probably will be, discharged into the waters of the state and creates, or threatens to create, a condition of pollution or nuisance, shall upon order of the regional board, clean up the waste or abate the effects of the waste, or, in the case of threatened pollution or nuisance, take other necessary remedial action, including, but not limited to, overseeing cleanup and abatement efforts."

    The purpose of this CAO is to ensure that Excello and the Trust assess the lateral and vertical extent of soil and groundwater contamination at the Site and off-site, and mitigate the soil and groundwater contamination by performing cleanup and periodic monitoring.

15. **Status of Site Assessment:** Excello and the Trust have never performed an assessment to determine lateral and vertical extent of heavy metals contamination in on-site soil and on-site and off-site groundwater beneath the facility.

To complete subsurface assessments and begin appropriate cleanup, Excello and the Trust must undertake the actions specified below:

a. For heavy metals compounds in the unsaturated zone: Advance a number of borings at the locations of potential sources of heavy metal contamination to determine the lateral and vertical extent of contamination.

b. Cleanup the soil contamination to cleanup levels to be approved by the Regional Board.

c. Install an appropriate number of groundwater monitoring wells hydraulically upgradient and downgradient to the facility to determine the extent of groundwater contamination.

d. Cleanup the groundwater contamination to regulatory levels to be approved by the Regional Board.

On October 12, 2004 a workplan for determining the lateral and vertical extent of heavy metals contamination in on-site soil and on-site and off-site groundwater was submitted to the Regional Board. Although approved by the Regional Board on November 2, 2004, the workplan was never implemented. To expedite and complete the soil and groundwater assessment activities, Excello and the Trust are required to review and implement the approved workplan. The schedule (presented in Attachment B) for completing the assessment activities, submitting a final report and other directives (presented in Attachment B) is based on implementing the approved workplan.

16. **Cleanup Goals:** Pending completion of adequate assessment and monitoring of the lateral and vertical extent of soil contamination, the fate and transport and risk of migration to groundwater, the following information shall be considered when establishing preliminary cleanup goals.

a. Develop a remedial action plan as necessary to cleanup soil and groundwater contamination using at a minimum the criteria stated below in items b, and c.

b. Emerging Chemicals and Heavy Metals: Cleanup concentrations shall not exceed California's Maximum Contaminant Levels (MCLs) or Action Levels (ALs) for drinking water as established by the State Department of Health Services for contaminants in the saturated zone. For emerging chemicals in the unsaturated zone, Excello and the Trust will need to investigate if contaminants are present and the extent to which they may attenuate through the soil in order to determine soil cleanup levels that will not impact the underlying groundwater resources above MCLs or ALs. Residual heavy metal concentrations in the leachate released form the vadose zone that will be protective of underlying groundwater also known as "soluble designated levels" can be determined by following the guidance document ***"Staff Report, The Designated Level Methodology For Waste Classification and Cleanup Level Determination"*** dated October 1986 and Updated June 1989, that was published by the California Regional Water Quality Control Board, Central Valley Region.

c. VOCs in the Saturated Zone: MCLs and ALs for drinking water, as established by the State Department of Health Services.

d. Pending completion of contaminant assessments, Regional Board staff will consider revised cleanup goals in accordance with the following State Policies.

"Antidegradation Policy" (State Water Resources Control Board [State Board] Resolution No 68-16) which requires attainment of background levels of water quality, or the highest level of water quality that is reasonable in the event that background levels cannot be restored. Cleanup levels other than background must be consistent with the maximum benefit to the people of the State, not unreasonably affect present and anticipated beneficial uses of water, and not result in exceedance of water quality objectives in the ***Basin Plan.***

"Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304" (State Board Resolution No. 92-49) which sets forth criteria to consider for those cases of pollution wherein restoration of water quality to background levels may not be reasonable.

17. **Impairment of Drinking Water Wells:** As noted above (Finding No. 2), some of the drinking water wells in San Fernando Valley have been impacted by chromium and chromium VI. For example, total chromium, chromium VI, and VOCs have impacted the Glendale Treatment Plant (Plant) extraction well GS-3. However, the plant is designed only for the treatment of VOCs in groundwater. Water purveyors and their customers will have to bear a significant portion of the costs of cleaning up this contaminated groundwater and/or procuring alternative supplies of drinking water for blending, or direct use.

18. Pursuant to section 13304 of the California Water Code, regional boards may recover reimbursement for all reasonable costs to investigate unauthorized discharges of waste and to oversee cleanup of such waste, abatement of the effects thereof, or other remedial action.

19. This action is being taken for the protection of the environment and as such is exempt from the provisions of the California Environmental Quality Act (Public Resources Code section 21000 et. seq.) in accordance with California Code of Regulations, title 14, section 15321.

IT IS HEREBY ORDERED, pursuant to section 13304 of the California Water Code, that EXCELLO PLATING COMPANY, INC., the discharger of the wastes, and the SPIRITO FAMILY TRUST, the owner which permitted the waste discharges on its real property, shall perform assessment, periodic monitoring and cleanup of contaminated soil and groundwater emanating from the Site at 4057 Goodwin Avenue, Los Angeles, California in compliance with the following directives:

1. **Emerging Chemicals and Heavy Metals in the Unsaturated Zone:** Excello and the Trust shall review and implement the workplan approved by the Regional Board on November 2, 2004 for conducting the subsurface investigations to determine the presence and on-site and off-site lateral and vertical extent of soil and groundwater contamination of heavy metals, and emerging chemicals, including chromium IV, 1,4-dioxane and 1,2,3-trichloropropane,

cyanide, pH, and upon approval from Regional Board Executive Officer (Executive Officer), implement the investigations.

2. **Assessment Technical Reports/Remedial Action Plans** Upon completion of the assessment (Requirement 1 above), Excello and the Trust shall prepare a technical report that summarizes the results. In the event that results fail to confirm that:

   a. Emerging chemicals in the unsaturated zone are naturally attenuating to be protective of water quality to MCLs or ALs at the water table, Excello and the Trust shall develop and implement a workplan, subject to the Executive Officer's approval, for cleaning up soil contaminants; and

   b. Emerging chemicals and heavy metals in the saturated zone are not continuing to migrate, Excello and the Trust shall develop and implement a workplan subject to the Executive Officer's approval for containment, control and cleanup of groundwater pollution.

   The workplan referred to in "a" and "b" above shall also include a fate and transport analysis of Site contaminants to be performed for the unsaturated and saturated zones.

3. **Groundwater Monitoring**: Excello and the Trust shall monitor the groundwater for chemicals of concern, at a minimum, including chromium and hexavalent chromium, VOCs, and the emerging chemicals, 1,4-dioxane and 1,2,3-trichloropropane on a quarterly basis (see Attachment B). Future groundwater monitoring frequency may be adjusted if a plan is proposed by Excello and the Trust and subsequently approved by the Executive Officer, in advance. The Executive Officer may approve a change in the monitoring frequency if it is shown that other frequencies are adequate to monitor changes of contaminant concentrations, groundwater gradients and flow patterns, and the progress of soil and/or groundwater remediation.

   Abandonment of any groundwater wells installed during the required investigation and remediation for this project must be reported to and approved by the Executive Officer in advance. Any groundwater well removed must be replaced within three months at a location approved by the Executive Officer. With justification, the Executive Officer may approve the abandonment of groundwater wells without replacement. When a well is removed, all work shall be completed in accordance with all applicable well abandonment permit requirements.

4. **Impairment of Drinking Water Wells:** The Regional Board reserves the right to require Excello and the Trust to develop and implement a plan that will mitigate impaired groundwater resources and/or compensate water purveyors for costs of replacing impaired water supplies. Such a directive would not duplicate requirements in the USEPA's consent decree.

5. **Contractor/Consultant Qualification:** A California registered civil engineer, registered geologist or registered certified specialty geologist shall conduct or direct the subsurface investigation and cleanup program. All technical documents shall be signed by and stamped with the seal of the above-mentioned qualified professionals.

6. **Cost Recovery:** Excello and the Trust shall reimburse the Regional Board for all reasonable costs incurred by the Regional Board to investigate their unauthorized discharges of waste

and to oversee assessment, monitoring, and cleanup of such wastes, abatement of the effects thereof, or other remedial actions.

7. **Time Schedule:** Excello and the Trust shall submit all required work plans and reports within the time schedule listed in Attachment B.

8. The Regional Board's authorized representative(s) shall be allowed:

   - Entry upon premises where a regulated facility or activity is located, conducted, or where records are stored, under the conditions of this CAO;
   - Access to copy any records that are stored under the conditions of this CAO;
   - Access to inspect any facility, equipment (including monitoring and control equipment), practices, or operations regulated or required under this CAO; and
   - The right to photograph, sample, and monitor the Site for the purpose of ensuring compliance with this CAO, or as otherwise authorized by the California Water Code.

9. This CAO is not intended to permit or allow the Excello and the Trust to cease any work required by any other order issued by the Regional Board, nor shall it be used as a reason to stop or redirect any investigation or cleanup or remediation programs ordered by the Regional Board or any other agency. Furthermore, this CAO does not exempt Excello and the Trust from compliance with any other laws, regulations, or ordinances which may be applicable, nor does it legalize these waste treatment and disposal facilities, and it leaves unaffected any further restrictions on those facilities which may be contained in other statutes or required by other agencies.

10. Excello and the Trust shall submit 30-day advance written notice to the Regional Board of any planned changes in name, ownership, or control of the facility; and shall provide 30-day advance notice of any planned physical changes to the Site that may affect compliance with this CAO. In the event of a change in ownership or operator, Excello and the Trust also shall provide 30-day advance notice, by letter, to the succeeding owner/operator of the existence of this CAO, and shall submit a copy of this advance notice to the Regional Board.

11. The Regional Board, through its Executive Officer, may revise this CAO, as additional information becomes available. Upon request by Excello and the Trust, and for good cause shown, the Executive Officer may defer, delete or extend the date of compliance for any action required of Excello and the Trust under this CAO. The authority of the Regional Board, as contained in the California Water Code, to order investigation and cleanup, in addition to that described herein, is in no way limited by this CAO.

12. Pursuant to California Water Code section 13320, Excello and the Trust may seek review of this CAO by filing a petition with the State Board. Such a petition must be received by the State Board, located at P.O. Box 100, 1001 I Street, Sacramento, California, 95814, within 30 days of the date of this Order.

13. Failure to comply with the terms or conditions of this CAO may result in imposition of civil liabilities, imposed either administratively by the Regional Board or judicially by the Superior Court in accordance with section 13350 et seq. of the California Water Code, and/or referral to the Attorney General of the State of California for such action as he/she may deem appropriate.

14. None of the obligations imposed by this CAO on Excello and the Trust are intended to constitute a debt, damage claim, penalty or other civil action which could be limited or discharged in a bankruptcy proceeding. All obligations are imposed pursuant to the police powers of the State of California intended to protect the public health, safety, welfare and environment.

Ordered by: _____ Date: 6/2/05

Jonathan S. Bishop, Executive Officer

Attachment B: Time Schedule

	Directive	Completion/Due Date
1.	**Heavy Metals and Emerging Chemicals in the Vadose and Saturated Zones**	
	Submit a Workplan for assessment	Submitted October 14, 2004 and Approved November 2, 2004
	Complete assessment	August 15, 2005
	Submit technical report	October 15, 2005
2.	**Remedial Action Plan for soil and Groundwater Remediation**	
	Submit Remedial Action Plan	November 30, 2005
	Complete Soil Remediation	To be determined in workplan
	Submit technical report	To be determined
3.	**Groundwater Monitoring and Sampling**	
	Submit quarterly groundwater monitoring reports	
	April - June	July 15
	July - Sept	October 15
	October – December	January 15
	January - March	April 15

Attachment A (Site Maps)

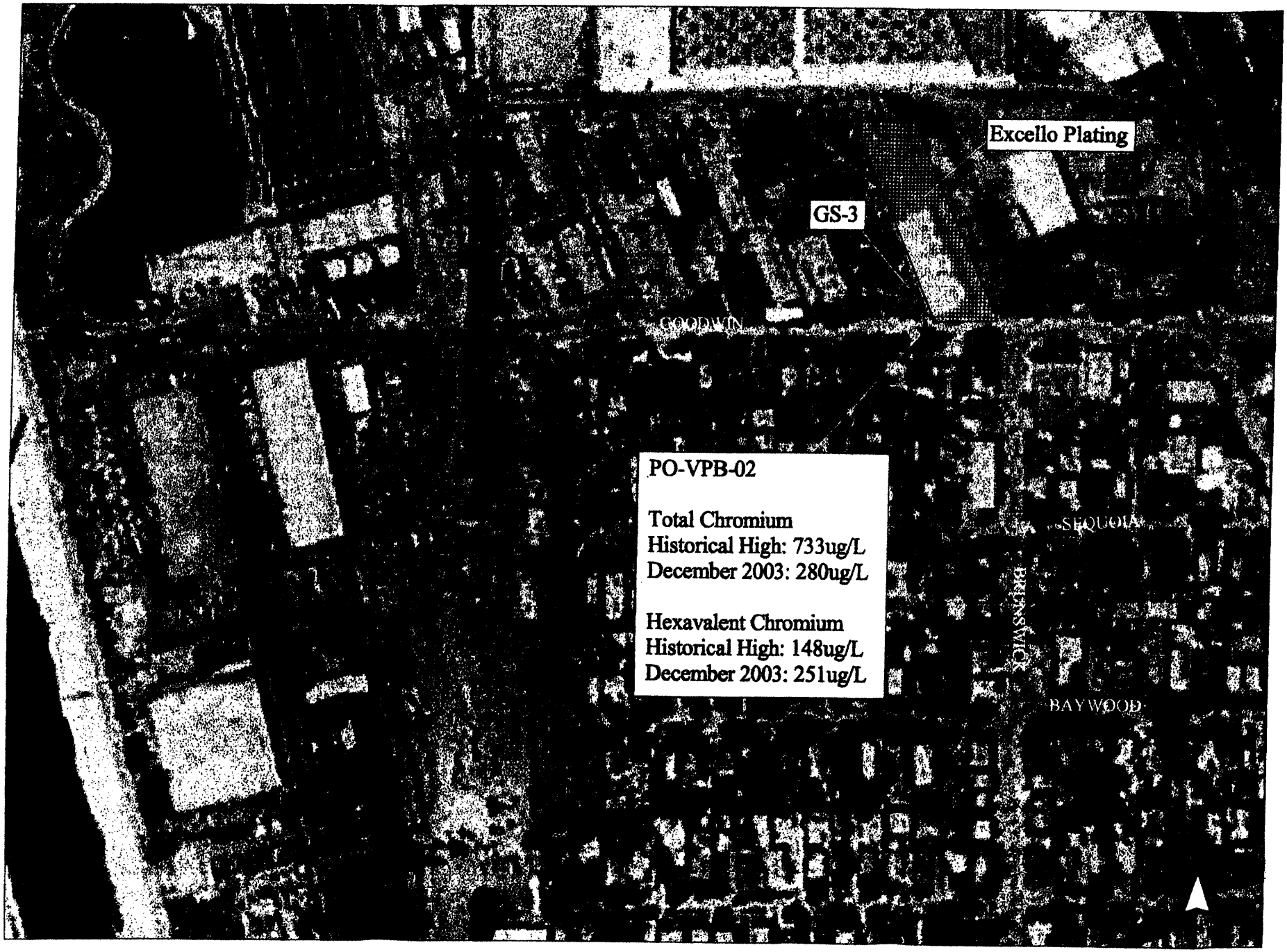
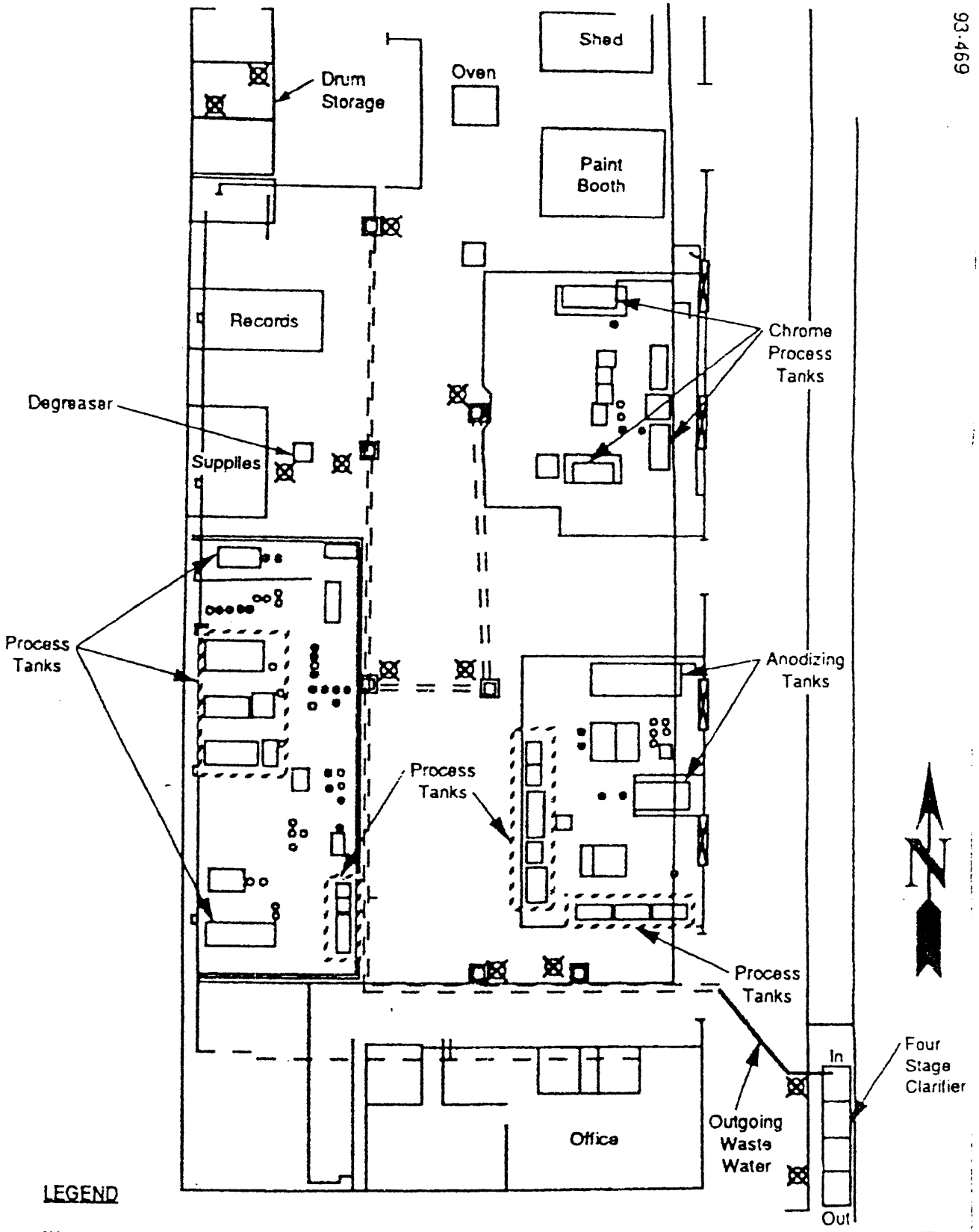

Excello Plating
GS-3
GOODWIN
PO-VPB-02
Total Chromium
Historical High: 733ug/L
December 2003: 280ug/L
Hexavalent Chromium
Historical High: 148ug/L
December 2003: 251ug/L
SEQUOIA
BRUNSWICK
BAYWOOD

Figure 1

93-469



LEGEND

Waste water drain

Proposed soil gas sample location

Clarifier floor drains

AeroVironment Inc.
222 East Huntington Drive
Monrovia, California 91016

PROPOSED SOIL GAS SAMPLE LOCATIONS

Excello Plating Co., Inc.
4057 Goodwin
Los Angeles, California 90039

300596

FIGURE 2

APPENDIX B - REGULATORY AGENCY CORRESPONDENCE

California Regional Water Quality Control Board

Los Angeles Region

Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Alan C. Lloyd, Ph.D.
Agency Secretary

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: http://www.waterboards.ca.gov/losangeles

Arnold Schwarzenegger
Governor

March 4, 2005

Mr. Glen Harleman
Excello Plating Co., Inc.
4057 Goodwin Avenue
Los Angeles, CA 90039

Certified Mail
Return Receipt Requested
Claim No. 7003 3110 0003 3258 1041

IMPLEMENTATION OF APPROVED WORKPLAN - CLEANUP & ABATEMENT ORDER NO. R4-2003-0038, EXCELLO PLATING CO., INC., 4057 GOODWIN AVENUE, LOS ANGELES, CALIFORNIA 90039 (FILE NO. 113. 5243)

Dear Mr. Harleman:

On December 8, 2004, we were informed through your legal counsel (Mr. Mark Gilmartin) that implementation of the Cleanup and Abatement Order (CAO) workplan for the Excello facility, which was approved by this Regional Board in a letter dated November 2, 2004, would not occur due to ongoing financial difficulties. To assist the Regional Board in understanding these financial difficulties, you are required to submit copies of the following business and personal financial records:

1. Copies of last three years of company Internal Revenue Service (IRS) tax returns, signed and dated,
2. Copies of last three years of company financial audits,
3. Copies of last three years of IRS tax returns of business principals, signed and dated, and
4. Any documentation that explains special circumstances regarding future financial circumstances.

This information will be used to substantiate alleged financial losses and determine whether the non-implementation of the workplan as required by Cleanup and Abatement Order R4-2003-0038 is warranted. As Regional Board policy, we will keep the information you provide us in strict confidence.

Please submit copies of the requested financial information by **April 4, 2005.** In the interim, Excello is hereby granted a 30-day extension from the date of this letter to comply with the subject Order and the applicable work schedule.

If you have any questions concerning this matter, please call Mr. Dixon Oriola at (213) 576-6803 or Mr. Larry Moore at (213) 576-6730.

Sincerely,

for David A. Zacharewski, AEO
Jonathan S. Bishop
Executive Officer
Los Angeles Regional Water Quality Control Board

cc: Mr. Robert Sams, Office of Chief Counsel, State Water Resources Control Board
Mr. John Norton, Office of Statewide Initiatives, State Water Resources Control Board
Ms. Marie Rongone, Office of the Regional Counsel, USEPA, Region IX, San Francisco
Mr. David Stensby, USEPA, Region IX, San Francisco
Ms. Patricia Bilgin, Office of the City Attorney, Los Angeles
Mr. Vaughn Minassian, Office of the City Attorney, Los Angeles
Mr. Dan Wright, Office of the Los Angeles County District Attorney
Mr. Mark Gilmartin, Law Offices of Mark Gilmartin
Mr. Dan Klier, Law Offices of Dan Klier

California Regional Water Quality Control Board

Los Angeles Region

Over 51 Years Serving Coastal Los Angeles and Ventura Counties

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Terry Tamminen
Secretary for Environmental Protection

Arnold Schwarzenegger
Governor

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: http://www.swrcb.ca.gov/rwqcb4

November 2, 2004

Mr. Guillermo Ramerez
Excello Plating
4057 Goodwin Avenue
Los Angeles, California, 90039

CONDITIONAL APPROVAL OF WORKPLAN IN COMPLIANCE WITH CLEANUP AND ABATEMENT ORDER (CAO) R4-2003-0038 FOR EXCELLO PLATING CO., INC., 4057 GOODWIN AVENUE, LOS ANGELES, CALIFORNIA 90039 (FILE NO. 113.5243)

Dear Mr. Ramerez,

We have received the *Workplan* dated October 14, 2004, which was prepared on your behalf by your consultant ATC Associates Inc. (ATC), as directed in Cleanup and Abatement Order R4-2003-0038 dated June 20, 2003. At the time of site visit by Regional Board staff member Mr. Mohammad Zaidi and United States Environmental Protection Agency (USEPA) contractor representative Mr. Larry Moore with Ms. Lynn Edlund of ATC on October 12, 2004, we staked several locations within the Excello Building for assessment of soil and groundwater in the vicinity of a number of tanks in the decorative chrome plating, anodized plating process, and hard chrome process areas which contain solutions of cadmium, zinc, copper, chromium, cyanide, iridite, sulfuric acid, nitric acid, muriatic acid, sodium dichromate, or other chemicals in various concentrations. Additionally, we staked a few locations outside the Building in the waste drum/container storage area, former hazardous waste storage shed and the 4-stage clarifier. Having reviewed the aforementioned workplan, Regional Board staff approves of the work proposed with the following conditions and requirements:

1. Continue to reference Regional Board File No. 104.0306 on all future reports concerning this site.
2. The cover letter for the workplan must be amended to include the stamp of a currently active registered geologist that will directly oversee the assessment work and prepare the final report for this phase of subsurface investigation. The amended cover letter needs to be submitted to the Regional Board ten days prior to start of work.
3. The final report must be stamped and signed by a registered geologist as pursuant to the State Water Resources Control Board Resolution No. 92-49, under the California Water Code, Section 13304, which states that all fieldwork related to possible groundwater contamination must be conducted by or under the direct responsible supervision of a State of California registered geologist or licensed civil engineer. All technical documents submitted to this Regional Board including, Remedial Action Plans must be reviewed, signed and stamped by a California registered geologist, a California registered certified specialty geologist, or a California registered civil engineer with at least five years hydrogeologic experience.
4. The final report must include groundwater plume maps and soil isoconcentration maps for each significan contaminant, and a groundwater elevation contour map showing flow direction and gradient. In addition, the final report will include as attachments a copy of all boring logs and well

construction diagrams signed by a California registered geologist, well development data, sample chain of custody forms, and analytical results of the soil and groundwater samples analyzed by a State of California certified laboratory.

5. The workplan's site plot plan does not identify locations for the collection of background soil samples, therefore the workplan must include the completion of three shallow (i.e., maximum depth of 15-feet below ground surface) soil borings to be located in areas, which historically were not impacted by contamination and do not contain "clean fill material." A soil sample will be collected at 1-foot, 5-foot, and 10-foot depths below ground surface (bgs) and analyzed for Title 22 metals, hexavalent chromium, and cyanide. The soil samples collected from the upgradient groundwater monitoring well locations will be accepted by the Regional Board staff as the background samples. Please modify the plot plan in the Workplan to reflect the above changes.
6. The workplan's site plot plan does not include which soil borings are to be continuously cored, therefore modify the plot plan to show locations of these soil borings.
7. Two (2) hardcopies of the final report shall be submitted as well as one (1) copy electronically. In addition, all maps, figures, etc. will be provided electronically (i.e., CAD, arcview, etc.).
8. **Section 3.2, Fifth paragraph:** The first sentence should be written to state that soil samples will be placed into a cooler and its shall be maintained at 4° - 6^{0} Centigrade.
9. **Section 3.3, Second paragraph:** The word "possible" located in the fifth sentence should be deleted.
10. **Section 3.3, Fourth paragraph:** Fourth sentence should be rewritten to include that "if possible, well development will be continued to achieve turbidity equal to or less than 5 NTUs".
11. **Section 3.3, Fifth paragraph:** Last sentence should be rewritten to include that "each groundwater sample will be contained in clean and pre-preserved 40-millimeter vials for VOC analysis".
12. **Section 3.4 and Table 2:** Replace all references within the workplan for using USEPA Method 7196 for analysis of soil samples for hexavalent chromium with USEPA Method 3060A for extraction and USEPA Method 7199 for analysis.
13. **Section 3.4 and Table 2:** Replace all references within the workplan for using USEPA Method 8260B Modified for analysis of soil samples for 1,4-Dioxane with USEPA Method 8270 Selective Ion Monitoring (SIM) to obtain a detection limit lower than the California Department of Health Services action level.
14. **Section 3.4 and Table 2:** Replace all references within the workplan for using USEPA Method 8260B Modified for analysis of soil samples for 1,2,3-Trichloropropane with USEPA Method 8260 Selective Ion Monitoring (SIM) to obtain a detection limit lower than the California Department of Health Services action level.
15. **Section 3.4:** It is assumed that the Soluble Threshold Limit Concentration (STLC) and the Toxicity Characteristic Leaching Procedure (TCLP) in all references are to be used for waste profiling purposes.
16. **Section 3.4:** Include detection limits for USEPA Methods 6010B, 7471A, and 9010B.
17. **Section 3.4:** the detection limit units of "10 mg/kg" for 1,4-Dioxane and 1,2,3-Trichloropropane should be changed to µg/kg based on the detection limits for USEPA Methods 8260 SIM and 8270 SIM.

18. **Section 3.4:** A sentence needs to be added stating that method detection limits will not exceed State of California maximum contaminant levels (MCLs) or action levels (ALs) for the constituents of concern which include the Title 22 metals, hexavalent chromium, and cyanide, unless dilution is necessary to conduct the analyses.
19. The appropriate number of Quality Assurance/Quality Control (QA/QC) samples should be collected during the field sampling activities. At a minimum, field duplicates and equipment blanks will be collected at a frequency of 10% and 5%, respectively. One trip blank will be included with each cooler of samples designated for VOC analysis. Matrix spike/matrix spike duplicate (MS/MSDs) will be analyzed at a frequency of 1 in 20 field samples. The samples for MS/MSD analysis will be contaminated soil samples based on field observations.
20. Regional Board staff must receive a 7-day notification prior to starting field activities in order to provide oversight.

The due date for submitting the technical report containing the results of field activities to be implemented in accordanace with the subject workplan and its modifications by the Regional Board staff as provided in this letter is **February 7, 2005**. As provided in Section 13268 of the California Water Code, failure to submit the required technical report by the due date may result in administrative civil liability penalties to be assessed by the Regional Board, in an amount up to one thousand dollars ($1,000) per day for each day the technical report is not received.

If you have any questions regarding this matter, please call Mr. Larry Moore at (213) 576-6730, Mr. Mohammad Zaidi at (213) 576-6732, or Mr. Dixon Oriola at (213) 576-6803.

Sincerely,

Jonathan Bishop
Executive Officer

cc: Mr. Robert Sams, Office of Chief Counsel, State Water Resources Control Board
Ms. Sayareh Amirebrahimi, State department of Toxic Substances Control, Glendale
Mr. Leighton Fong, City of Glendale
Mr. Mark Mackowski, Upper Los Angeles River Area Watermaster
Mr. Thomas Erb, Los Angeles Department of Water & Power
Mr. David Stensby, USEPA Superfund Division, Region IX, San Francisco
Mr. Fred Lantz, City of Burbank Water Supply Department
Mr. Nick Berzins, Trihydro Corporation
Ms. Patricia Bilgin, Supervising Attorney, Office of the City Attorney, Los Angeles
Mr. Jose Reynosa, County of Los Angeles, Department of Health Services - Well Permits