CONSULTING AGREEMENT AND AUTHORIZATION TO PROCEED

This Agreement between EARTH TECH, Inc, a California corporation, ("ETI") with offices at 1020 N. Broadway, Suite 400, Milwaukee, Wisconsin 53202, and the City of Racine, WI ("CLIENT"), with offices at City Hall, 730 Washington Avenue, Racine, Wisconsin 53403.

1. ETI agrees to perform the services described in its PROPOSAL dated: March 8, 2007, attached ("SERVICES").

2. CLIENT authorizes ETI to perform these SERVICES for the following project and location:

   2007 NR 216 Stormwater Permit Compliance

3. ETI is willing to perform the SERVICES in exchange for the following fee (check and complete):

   _____ CLIENT will pay on a **time and material** basis. ETI will invoice according to the Fee Schedule* attached to the PROPOSAL.

   _____ CLIENT will pay a **lump sum** of $ _____ ETI will invoice monthly on a percentage completed basis.

   __X__ CLIENT will pay on **a time and material basis not to exceed** the sum of $ 49,500. ETI will invoice according to the per diem rates in effect at the time the services are executed.

   _____ CLIENT will pay a retainer in the amount of $ _____ , to be applied against the fee.

   * ETI reserves the right to adjust its Fee Schedule annually.

4. **Billing**: ETI will submit invoices to CLIENT monthly. CLIENT recognizes that timely payment is a material part of this Agreement. Each invoice is due and payable within thirty (30) calendar days of the date of the invoice. CLIENT will pay an additional charge of one and one-half percent (1.5%) per month not to exceed the maximum rate allowed by law for any payment received by ETI more than thirty (30) calendar days from the date of the invoice. CLIENT will pay when due that portion of invoice, if any, not in dispute. If CLIENT fails to pay any undisputed invoiced amounts within thirty (30) calendar days of the date of the invoice, ETI may suspend its performance or terminate this Agreement without incurring any liability to CLIENT and without waiving any other claim against CLIENT.

5. Special Provisions : __X__ NONE _____ ATTACHMENT

6. **CLIENT RECOGNIZES THAT THE PRESENCE OF HAZARDOUS MATERIALS OR POLLUTION ON OR BENEATH THE SURFACE OF A SITE MAY CREATE RISKS AND LIABILITIES. CONSULTANT HAS NEITHER CREATED NOR CONTRIBUTED TO THIS POLLUTION. CONSEQUENTLY, CLIENT RECOGNIZES THIS AGREEMENT WILL ACCORDINGLY LIMIT CONSULTANT'S LIABILITY.**

E

CLIENT confirms reading this document in full (including the terms 7 through 18 below). This Agreement when executed by Earth Tech is an offer to perform the services, open for acceptance within 30 days. This Agreement becomes effective on the date CLIENT signs below.

Consultant: Earth Tech, Inc.

By: _____

Printed Name: James T. Kunz, P.E.

Title: Senior Vice President

Date: March 8, 2007

Client: City of Racine

By: _____

Printed Name: Gary Becker

Title: Mayor

Date: _____

ATTEST:

By: _____

Printed Name: Janice M. Johnson-Martin

Title: City Clerk

Date: _____

APPROVED AS TO FORM:

By: _____

Printed Name: Robert K. Weber

Title: City Attorney

Date: _____

COUNTERSIGNED:

Provision has been made to pay the liability that will accrue hereunder.

_____

Finance Director

E

7. **Standard of Care:** ETI will perform the Services in accordance with the standards of care and diligence normally practiced by consulting firms performing services of a similar nature in the same locale.

8. **Indemnity/Limitation of Liability:** Subject to any limitations stated in this Agreement, ETI will indemnify and hold harmless CLIENT, its officers, directors, employees, and subcontractors, from and against all claims and actions, including reasonable attorneys fees, arising out of damages or injuries to persons or tangible property to the extent they are caused by a professionally negligent act, error, or omission of ETI or any of its agents, subcontractors, or employees in the performance of Services under this Agreement. ETI will not be responsible for any loss, damage, or liability arising from any contributing negligent acts by CLIENT, its subcontractors, agents, staff, or consultants. Neither party will be responsible to the other for consequential damages including, but not limited to, loss of profit, loss of investment or business interruption. The CLIENT also agrees to seek recourse only against ETI and not against its officers, employees, directors, or shareholders. *The CLIENT agrees to limit ETI's liability due to breach of contract, warranty or negligent acts, errors or omissions of ETI to $50,000 or the fee paid to ETI under this Agreement, whichever is greater.*

9. **Insurance:** During the period that Services are performed under this Agreement, ETI will maintain the following insurance: (1) Workers' Compensation coverage in accordance with the laws of the states having jurisdiction over its employees engaged in the Services and Employer's Liability Insurance (limit of $500,000 each occurrence.); (2) Commercial General Liability Policy with a limit of $1,000,000 per occurrence and a $2,000,000 aggregate; (3) Commercial Automobile Liability with a limit of $500,000 per occurrence and a $1,000,000 aggregate; and (4) Professional Liability coverage with a $500,000 limit on each claim and a $1,000,000 aggregate. *Client agrees ETI will not be liable for any loss, damage, or liability arising out of this Agreement beyond the coverage and conditions of such insurance with limits as stated above.*

10. **Hazardous Substances/Hazardous Waste**: CLIENT represents that if CLIENT knows or has reason to suspect that hazardous substances or pollution may exist at the project site, CLIENT has fully informed ETI. In the event ETI encounters hazardous substances or contamination significantly beyond that originally represented by CLIENT, ETI may suspend its Services and enter into good faith renegotiation of this Agreement. CLIENT acknowledges that ETI has no responsibility as a generator, treater, storer, or disposer of hazardous or toxic substances found or identified at a site and CLIENT agrees to defend, indemnify, and hold harmless ETI, from any claim or liability, arising out of ETI's performance of work under this Agreement and made or brought against ETI for any actual or threatened environmental pollution or contamination except to the extent that ETI has negligently caused or contributed to any such pollution or contamination. This indemnification includes reasonable attorney fees and expenses incurred by ETI in defense of such claim.

11. **Sample Ownership:** All samples and cuttings of materials containing hazardous contaminants are the property and responsibility of CLIENT. Removal of cuttings from the project site will remain the obligation of CLIENT. Absent direction from CLIENT, ETI may return all contaminated samples and laboratory byproducts to the CLIENT for proper disposal or treatment.

12. **Buried Utilities:** In those situations where ETI performs subsurface exploration, CLIENT, to the extent of its knowledge, will furnish to ETI information identifying the type and location of utilities and other man-made objects beneath the surface of the project site. ETI will take reasonable precautions to avoid damaging these utilities or objects. Prior to penetrating the site's surface, ETI will furnish CLIENT a plan indicating the locations intended for penetration. CLIENT will approve the location of these penetrations and authorize ETI to proceed.

13. **Documents and Records:** CLIENT acknowledges that ETI's reports, boring logs, field data, field notes, laboratory test data, calculations, estimates and other similar documents ("Records") are instruments of professional service, not products. All data ETI prepares for CLIENT under this Agreement will remain the property of ETI. CLIENT will not use any ETI data or report for any purpose other than its original purpose as defined in the PROPOSAL. CLIENT has no rights to incomplete or partial data. ETI will retain these Records for a period of three (3) years following completion of this project. During this time, ETI will reasonably make available the records to the CLIENT. ETI may charge a reasonable fee in addition to its professional fees for retrieving or copying such records.

14. **Change Orders:** ETI will treat as a change order any written or oral order (including directions, instructions, interpretations or determinations) from CLIENT which request changes in the Services. ETI will give CLIENT notice within ten (10) days of the change order of any resulting increase in fee. Unless Client objects in writing within five (5) days, the change order becomes a part of this Agreement.

15. **Third-Party Rights:** Except as specifically stated in this Agreement, this Agreement does not create any rights or benefits to parties other than CLIENT and ETI.

16. **Assignment/ Status:** The CLIENT will not delegate, assign, sublet, or transfer any interest in this Agreement without the written consent of ETI. ETI is an independent consultant and not the agent or employee of CLIENT.

17. **Termination:** Either party may terminate the Services with or without cause upon ten (10) days advance written notice. If Client terminates without cause, CLIENT will pay ETI costs incurred, noncancelable commitments, and fees earned to the date of termination and through demobilization, including any cancellation charges of vendors and subcontractors.

18. **Complete Agreement**: The Parties acknowledge this Agreement, including the Proposal and any Attachments constitute the entire Agreement between them. Unless stated otherwise in this Agreement, this Agreement may not be modified except in a writing signed by both parties. The parties agree that Wisconsin law governs this Agreement and any dispute involving the Agreement.

E

APPENDIX A

Special Conditions

Term 8: Delete the last sentence of this article.

Proposal for
2007 NR 216 Stormwater Permit Compliance
City of Racine, Wisconsin

Dated March 8, 2007

Scope of Services

Project Description

The City of Racine received its WPDES Municipal Storm Water Discharge Permit on January 7, 2004 under State Statute NR 216, as part of the Root River Group Permit. This permit authorizes and regulates the discharge of storm water from the Root River Group's municipal separate storm sewer systems to Waters of the State. This permit requires each individual municipality be responsible for their discharged storm water. As part of that permit, the City of Racine initiated its Illicit Discharge Monitoring Program in 2005, and based on the findings of that program, developed an on-going Illicit Discharge Detection and Elimination Program (IDDE). The following tasks were identified for 2007 to continue with the IDDE program and other permit compliance activities.

1.0 ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) FIELD SCREENING

1.1 2007 Field Screening – Health Department Outfalls

Earth Tech will conduct one field screening in 2007 for dry weather flows at each of the ten (10) outfalls in the vicinity of Health Department sampling locations including: RR06, RR16, RR18, RR36-1, RR36-2, RR37E-1, RR37E-2, RR37W, RR49, and RR61.

Outfalls that have flow observed during field screening will have additional information collected. This information will be recorded on the Visual Inspection Forms, including chemical testing on grab samples using portable test kits and digital photographs where applicable. If an outfall is submerged or otherwise inaccessible, the next nearest upstream storm sewer manhole will be utilized to obtain the grab sample.

If the outfall is dry or chemical field tests return results at or below acceptable limits, the outfall will be evaluated for testing in future years based on discussion with City staff. If investigations result in one or more pollutants of interest at or above the acceptable limits, that outfall will be added to the drainage system review and follow-up field screening efforts as identified in Task 1.2 (if resources allow) otherwise it will be scheduled for follow-up efforts in 2008.

Outfalls RR36-1, RR36-2, RR37E-1, RR37E-2, and RR37W are currently also in the process of follow-up investigations related to 2006 E. Coli screening results. These activities will be completed prior to making any recommendation for future investigations.

The Health Department will assist Earth Tech in sampling the above listed outfalls with the CHEMetrics testing kit in addition to their regularly scheduled weekly outfall screening for other pollutants of interest.

1.2 2007 Field Screening – Follow-up from 2005 Monitoring

Twenty-two outfalls returned positive results during the 2005 field screening for illicit discharges and were identified for follow-up investigation in 2006/2007. An additional three (3) outfalls were not screened, but are generally in the vicinity of industrial areas and are included in this scope of services as possibly requiring follow-up investigation resulting in a total of twenty-five outfalls requiring illicit discharge follow-up investigation. Nine (9) outfalls remain from that list that did not get addressed in 2006 by either standard field screening or E. Coli screening. These outfalls will be addressed in the following activities.

1.2.1 Drainage System Review

Prior to conducting follow-up field screening, Earth Tech will conduct a drainage system review for each of the following nine (9) outfalls: RR22, RR17, RR12, NL03, NL07, RR53, PR06, PR08, and RR03. The drainage system review includes mapping the drainage basin and storm sewer system to identify probable screening points within the system. Screening points include major junctions, manholes/storm sewer system segments downstream of major commercial or industrial areas, and downstream of industries with WPDES storm water discharge permits (where applicable). A list of WPDES industrial permits in effect at the beginning of 2006 was obtained for the storm sewer map development process.

Preliminary review of the basins indicates that, in addition to the nine (9) outfalls that need to be tested to verify the continued presence of the pollutant(s) of interest, approximately 74 key manholes have been identified throughout the networks to screen and isolate the pollutant(s) of interest. These locations will be finalized in this process and screened as indicated in Task 1.2.2.

1.2.2 2007 Follow-up Field Screening

Earth Tech will conduct follow-up field screening in spring, summer, or fall of 2007 for dry weather flows at the following nine (9) outfalls: RR22, RR17, RR12, NL03, NL07, RR53, PR06, PR08, and RR03. These outfalls will be screened following at least three (3) dry days (days with rainfall of less than 0.10 inches of rainfall) using the same field screening procedures conducted in 2006.

It is further assumed that, while one (1) or two (2) additional manholes will require testing to complete the isolation process, not all of the 74 key manholes preliminarily identified in Task 1.2 will likely need to be tested to complete the isolation process. To be conservative, the total number of screening points within the system is assumed to be 83, the total of the nine (9) outfalls and the 74 key manholes identified at this time.

If an outfall is submerged or otherwise inaccessible, the next nearest upstream storm sewer manhole will be utilized to obtain the grab sample. Outfalls/structures that have flow observed during field screening will have additional information collected. This information will be recorded on the Visual Inspection Forms, including chemical testing on grab samples using portable test kits.

If the chemical field tests return a negative result for all potential pollutants, the outfall will be re-prioritized and revisited in future years. If investigations result in isolation of one or more pollutants of interest, a windshield survey will be conducted as outlined in Task 1.2.3.

1.2.3 "Windshield Survey" (where applicable)

For each of the nine (9) drainage systems where field screening for pollutant(s) of interest resulted in isolating the pollutant(s) to a single storm sewer segment, the field crew will conduct a "windshield survey" of the surrounding area. The survey includes photographing the surrounding area including buildings and other items of interest. Other items of interest can include, but are not limited to outdoor storage areas, staining, or other potential signs of illicit discharges or dumping. No internal entry of any business is included in this effort. The results of the survey will be shared with City staff at a meeting for discussion of potential sources and recommended next steps. Discussion with building owners and review of building plans, if applicable, may result. For the purposes of estimating the level of effort for this task, it is assumed that only six (6) of the basins screened will result in identifying a single storm sewer segment of interest, requiring a windshield survey.

Storm sewer segments or areas of interest that are isolated during this investigation will be followed up on using one or more of the "toolbox" of potential follow-up activities described in Section 4 of this scope of services.

1.3 2006 Field Screening – Wrap-up/Follow-up from 2005 Monitoring

For the thirteen outfalls screened in 2006, two (2) outfalls still have some follow-up investigations remaining: SL19a and RR41.

For SL19a, it is recommended that details of the Twin Disc permit be determined, namely the maximum concentration of chlorine that the site is permitted to discharge. It is also recommended that the permit status (if any) of the SC Johnson site be verified; discharges from the site may be allowed by the City. If both sites are permitted and/or discharging chlorine within their allowable limits then additional action is not necessary. Additional action may be necessary if a site is permitted but exceeding the allowable chlorine limits or for other reasons.

For RR41, it is recommended that follow-up investigations be continued in 2007. Earth Tech will work with the City to schedule televising of the storm sewer from manhole RR41002 immediately west of the railroad tracks on Ninth St. to manhole RR41008 at the intersection of Ninth St. and Marquette St. It is also recommended that the City pump and drain catch basin RR41015A at the entrance to the Department of Public Works site on Pearl St. After being pumped and drained, Earth Tech will revisit the catch basin to determine if any pipes drain directly into it. Based on these activities, additional follow-up investigations or corrective actions may be developed and would be included in follow-up investigations outlined in Task 3 of this scope of services as needed.

2.0 E. COLI FIELD SCREENING

2.1 2007 Field Screening –E. coli

Earth Tech will continue to conduct E. Coli field screening in spring, summer, and fall of 2007 in each of the following three (3) basins: RR36, RR37, and RR61. These outfalls will be screened using the same field screening procedures conducted in 2006 per the City of Racine's Health Department's E. coli field testing procedures.

If a structure is dry or does not test positive for the presence of E. coli, no further action is required in that particular storm sewer segment/area. Structures that have flow observed during field screening will be collected with Whirl Packs and contained in a chilled cooler until transfer to the Health Department office by 1:00pm the day of sampling. The sample name/number will also be recorded on the Whirl Packs. If a structure result is positive for high levels of E. coli, the City and Earth Tech will identify additional E. Coli screening locations or identify steps for follow-up investigations (See Tasks 3.1-3.5).

2.2 Drainage System Review

Earth Tech will conduct continued drainage system review to identify screening points for each of the following three (3) basins: RR36, RR37, and RR61 as needed to continue to try and isolate potential pollutant sources. Screening points include major junctions, manholes/storm sewer system segments downstream of major commercial or industrial areas, downstream of industries with WPDES storm water discharge permits (where applicable), and other locations in an attempt to isolate potential pollutant sources.

Because of the size of these basins, several additional screening points may be required. To be conservative, the total number of screening points within the systems is assumed to be 40. For those segments resulting in isolating a potential pollutant source, a windshield survey will be conducted as outlined in Task 2.3.

2.3 "Windshield Survey" (where applicable)

For each of the three (3) drainage systems undergoing E. Coli screening where field screening results in isolating potential pollutant sources to a single storm sewer segment, the field crew will conduct a "windshield survey" of the surrounding area. The survey includes photographing the surrounding area including buildings and other items of interest. Other items of interest can include, but are not limited to outdoor storage areas, staining, or other potential signs of illicit discharges or dumping. No internal entry of any business is included in this effort. The results of the survey will be shared with City staff at a meeting for discussion of potential sources and recommended next steps. Discussion with building owners and review of building plans, if applicable, may result. For the purposes of estimating the level of effort for this task, it is assumed that E. Coli screening will result in isolation at ten (10) storm sewer segments of interest, requiring a windshield survey.

Storm sewer segments or areas of interest that are isolated during this investigation will be followed up on using one or more of the "toolbox" of potential follow-up activities described in Section 4 of this scope of services.

2.4 2006 Field Screening – E. coli Wrap-up/Follow-up from 2006 Monitoring

For the five (5) high priority outfalls screened in 2006, three (3) basins still have some follow-up investigations remaining: RR36, RR37, RR61.

For RR36, it is recommended that the follow-up investigation be continued in 2007. Earth Tech is in the process of reviewing the video from October 30. Complete review of the video may indicate the need for smoke and/or dye testing or other investigations.

For RR37, it is recommended to follow up at manhole RR37186 (Nineteenth St. and Hayes Ave.; see Figure 15) to see if the animal carcass has been removed. If so, the manhole will be retested for E. coli. It is also recommended that the follow-up investigation be continued in 2007 to locate the potential sources of the high E. coli counts. Earth Tech will work with the city to schedule the televising of the storm sewer upstream from manhole RR37526 to determine the source of the flow. Earth Tech is in the process of reviewing the video of multiple storm sewer segments within basin RR37. Complete review of the video may indicate the need for smoke and/or dye testing or other investigations.

For RR61, dye testing at 1948 State St. and 1952 State St. aided in determining indirect connection to the storm sewer. After planned correction to the storm and/or sanitary sewer systems are made in 2007, key locations will be re-sampled for E. coli and standard chemical parameters to verify removal of the sources and to identify additional requirements for corrective actions.

3.0 FOLLOW-UP INVESTIGATIONS

Based on the findings from previous tasks, one or more of the follow-up investigative techniques can and will be employed in an attempt to further identify potential pollutant sources. Additional follow-up activities such as review of building piping plans and permit reviews may also be included.

3.1 Leak Detection Survey (where applicable)

For each of the nine (9) drainage systems where field screening for pollutant(s) of interest resulted in isolating the pollutant(s) to a single storm sewer segment and the pollutant(s) of interest included chlorine, Earth Tech staff will recommend or if necessary conduct a leak detection survey on the water mains in the surrounding areas. If a leak is identified, the location of the leak will be mapped and forwarded to City of Racine staff for repair. Following the repair, Earth Tech will conduct a follow-up visit (and if applicable) leak detection survey on the area to confirm that there were no other apparent leaks present. For the purposes of determining the level of effort for this task and based on a review of the 2005 Illicit Discharge Monitoring

Program Report, it is estimated that up to five (5) of the basins screened may require this service or coordination with the Racine Water and Wastewater Utility.

3.2 Storm Sewer Line Televising (where applicable)

For drainage systems where field screening isolated the pollutant(s) to a single storm sewer segment and previous investigative efforts or discussions with City staff did not result in any other specific actions or recommendations, the most common next step is to televise the isolated storm sewer line for potential illicit connections or inflow/infiltration points. This effort can generally be accomplished without notification or permission of surrounding landowners. This effort assumes that the City will use the sewer cleaning and televising contractor currently available on an as-needed basis to the City through other contracts and thus not included in the cost estimate associated with this project. For the purposes of estimating the level of effort for this task, it is assumed that only six (6) of the basins screened require sewer line televising and that Earth Tech will conduct a review of the tapes provided by the City's televising contractor and make a recommendation of next step(s) based on the review.

3.3 Smoke Testing (where applicable)

For drainage systems where field screening isolated the pollutant(s) to a single storm sewer segment, and where discussions with City staff or results from storm sewer line televising suggest a potential illicit connection, a probable next step is to conduct smoke testing of the isolated storm sewer line. Smoke testing can identify larger direct and some indirect connections to the storm sewer system. This effort is accomplished after notification of surrounding landowners by providing notices to each homeowner/business of the upcoming test in the area, as well as notifying City staff and fire/police staff a minimum of two to three days prior to testing. For the purposes of estimating the level of effort for this task, it is assumed that only six (6) of the basins screened require smoke testing.

3.4 Dyed Water Testing (where applicable)

For drainage systems where field screening isolated the pollutant(s) to a single storm sewer segment but other methods of investigation fail to completely identify the source of the suspect connection, dyed water testing can assist in locating the source. This effort is accomplished after notification of surrounding landowners and, depending on what line is to be tested, often requires permission to enter private property. For the purposes of estimating the level of effort for this task, it is assumed that up to five (5) set-ups for dyed water testing are required. It is further assumed that a private or City potable water source will be available for this testing.

3.5 Elimination of Illicit Connection (where applicable)

For drainage systems where the source of the illicit connection has been located, it is required by the Wisconsin Department of Natural Resources that the source be disconnected from the storm sewer system. The goal of this program is to notify the responsible party and require that the illicit connection be removed as soon as possible. Prior to disconnection, the City shall require the operator of the illicit connection or discharge to take all reasonable measures to minimize or discontinue the discharge of pollutants. For the purpose of this project, it is assumed that efforts associated with the elimination of the illicit connection are the responsibility of the landowner or will be conducted by the City and will involve minimal effort or oversight by Earth Tech staff.

If any follow-up investigation efforts cannot be completed before the end of the 2007 calendar year, the follow-up investigation efforts will take place in 2008. The procedures outlined above represent a "toolbox" of activities that can be conducted to aid in identifying the locations of potential illicit connections/discharges. The final selection and use of these tools and techniques is highly variable and dependent on the field conditions. Through regular meetings, Earth Tech will keep the City informed of the progress of the investigations and evaluate the direction of the program.

4.0 Meetings and Summary Report

Earth Tech will meet with the City periodically to review the results of all field screening, E. coli screening, and follow-up measures. Results of the program will be summarized in a format acceptable for inclusion in the City's annual NR 216 report(s). It is estimated that up to ten (10) monthly update or project meetings will be required during this project.

5.0 Pollution Reduction and Retrofit Analysis

The City's NR 216 permit under Part III F, requires the City to implement stormwater best management practices that achieve a 20% total suspended solids (TSS) reduction by October 1, 2008. An assessment of compliance is typically conducted using a model such as SLAMM or P8. As the City did conduct SLAMM modeling in the past, it would like to review those results and compare actual street sweeping material collections history to evaluate if the material collected and past modeling analyses are sufficient to fulfill this obligation before conducting any major modeling update efforts. The assessment of compliance is due to the WDNR by December 31, 2007.

Also required in this permit section is an evaluation of all municipal owned or operated structural flood control facilities to determine the feasibility of retrofitting to incorporate water quality features. This was largely accomplished in the past with the City of Racine Municipal Pollution Prevention Procedures/Manual developed and would need to be summarized for submittal to the WDNR by December 31, 2007.

Cost Estimate

This time and materials contract will be conducted based on the estimated level of effort (LOE) and cost to develop the deliverables as outlined in the Project Description and Scope of Services. The estimated cost associated with each task is identified as follows:

Task 1.0	**Illicit Discharge Detection and Elimination Screening**	**$ 12,300**
Task 2.0	**E. coli (Health Department) Field Screening**	**$ 10,100**
Task 3.0	**Follow-Up Investigations**	**$ 10,200**
Task 4.0	**Report and Meetings**	**$ 12,200**
Task 5.0	**Pollution Reduction and Retrofit Analysis**	**$ 4,700**
Total		**$ 49,500**