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**FINAL PROJECT MANAGEMENT WORK PLAN
NYSDEC – LUSTER-COATE METALLIZING CORP.
Churchville, New York**

Site Number: 8-28-113

Prepared for:

New York Department of Environmental Conservation
Bureau of Remedial Action
625 Broadway
Albany, NY 12233

Prepared by:

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September 27, 2004

Written/Prepared by:

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Karie Henning, E.I.T.
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Reviewed/Approved by:

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Daniel Servetas, P.E.
Senior Project Manager

TABLE OF CONTENTS:

1.0	INTRODUCTION.....	1
1.1	PROJECT BACKGROUND	1
1.2	PROJECT OBJECTIVES.....	3
1.3	WORK PLAN ORGANIZATION	3
2.0	SITE BACKGROUND	5
2.1	SITE DESCRIPTION	5
2.1.1	<i>Site Physical Setting</i>	5
2.1.2	<i>General Site History</i>	5
2.1.3	<i>Regional Geology</i>	5
2.1.4	<i>Regional Hydrogeology</i>	6
3.0	SITE BACKGROUND RESEARCH.....	7
3.1	PERSONNEL INTERVIEWS	7
3.2	GENERAL HISTORIC LAND USE REVIEW	7
3.3	HISTORIC AERIAL PHOTOGRAPH REVIEW	7
3.4	SANBORN MAP REVIEW	8
3.5	CITY DIRECTORY SEARCH	8
3.6	CHAIN OF TITLE RESEARCH	8
3.7	PERTINENT RECORDS REVIEW	8
3.8	WASTE MANAGEMENT RECORDS	9
4.0	INVESTIGATION METHODOLOGY.....	10
4.1	SITE SURVEYING.....	10
4.2	SOIL GAS SAMPLING.....	10
4.3	SURFACE SOIL SAMPLING	10
4.4	SUBSURFACE SOIL SAMPLING.....	10
4.5	GROUNDWATER SAMPLING.....	11
4.6	DYE TESTING.....	11
4.7	SEDIMENT SAMPLING.....	11
5.0	QUALITY ASSURANCE PROJECT PLAN.....	12
6.0	HEALTH AND SAFETY	13
7.0	PROJECT MANAGEMENT APPROACH.....	14
7.1	PROJECT COST AND SCHEDULE CONTROL SYSTEM.....	14
7.2	PROJECT ORGANIZATION	14
7.3	PROJECT SCHEDULE	16
7.4	PROJECT DELIVERABLES.....	17
8.0	SUBCONTRACTS AND MINORITY- AND WOMEN-OWNED BUSINESS ENTERPRISE (M/WBE) UTILIZATION PLAN	18

TABLES:

1. Project Milestones

FIGURES:

1. Site Location Map
2. Site Features & Historical Sampling Locations
3. Proposed Soil Gas Sampling Locations
4. Proposed Surface Soil Sampling Locations
5. Proposed Subsurface Soil Sampling Locations
6. Proposed Groundwater Sampling Locations
7. Proposed Dye Test Sampling Locations
8. Proposed Sediment Sampling Locations

APPENDICES:

- A. Project Budget Package
- B. Health & Safety Plan
- C. Quality Assurance Project Plan
- D. Field Activities Plan

1.0 INTRODUCTION

This Project Management Work Plan (PMWP) for the Luster-Coate Metallizing Corp. Project has been prepared by Shaw Environmental & Infrastructure Engineering of New York, PC (Shaw) on behalf of the New York State Department of Environmental Conservation (NYSDEC). The Luster-Coate Metallizing Corp. Site (the Site) is located at 32 East Buffalo Street in the Village of Churchville, Town of Riga, Monroe County, New York (the Site location is illustrated on **Figure 1**). The Site has been identified as a potential contributory source to soil and groundwater impacts observed within the area.

1.1 Project Background

Luster-Coate Metallizing Corp. was reported to provide application of metal film and paint coatings to plastic materials manufactured off-site. Prior to this activity, the site was reportedly used for a variety of industrial purposes including condiment bottle processing, canary propagation, and wooden toy manufacturing with industrial activity dating to at least 1929. Luster-Coate Metallizing Corp. is currently undergoing Chapter 7 liquidation. Operations at the site appear to have ceased in rapid fashion and drums, pails, and vats of chemicals were abandoned on-site.

The property consists of a main building where manufacturing occurred and warehouse buildings for storage of parts and material. The main building consists of two levels with a footprint of approximately 36,000 square feet with portions reportedly dating to the early 1800's. There are four warehouse buildings of varying sizes approximately 2,400 to 3,600 square feet reportedly built during the 1970's. The site is approximately 4.5 acres with the majority covered by the structures or pavement. The surrounding area is mainly residential with some commercial properties along Buffalo Street west of the site. Black Creek is located along the west and northwest portion of the site, in close proximity to the main building.

Details on previous investigations of the site were not located or of limited value, but may provide some indication of areas of concern. The NYSDEC was provided a copy of an environmental site assessment completed by ENSR International in 2001 on behalf of a third party. This report references another site assessment completed by Secor International Inc. on

behalf of the site in 1998, but the NYSDEC does not have a copy of the report. At the request of the NYSDEC, the USEPA provided a characterization of chemicals abandoned on-site in contemplation of a removal response. The characterization and inventory confirmed hazardous waste was abandoned on-site.

The ENSR investigation included eight borings, four of which were completed as temporary wells. Groundwater samples were obtained from two of the temporary wells with two additional points dry. In addition, two cooling water supply wells were located and sampled. Eight soil samples were analyzed in this investigation. The investigation identified several areas of concern outside the manufacturing building including a former waste storage area, former aboveground storage tanks, and a possible off-site fuel tank that could be impacting the site. In addition, a chemical storage area, ventilation system sump, and caustic rinse from the manufacturing building were investigated. The analyses detected elevated SVOC contamination in soils near the area of the caustic rinse sump. SVOCs and VOCs were detected in soil and ground water analyses near the off-site fuel storage tank. Elevated VOCs were detected in the groundwater analyses from the existing water supply wells and near the manufacturing building's storage area. Elevated metals including zinc, nickel, thallium and mercury were detected in soil or groundwater.

1.2 Project Objectives

The objectives of the PMWP, as set forth in the Work Assignment (WA) dated June 18, 2004 by the NYSDEC Division of Environmental Remediation (DER), include, but are not limited to:

- Preparation of a work scope for the Preliminary Site Assessment (PSA);
- Develop a set of Standard Operating Procedures (SOPs) that will be followed for any investigative work that will likely be conducted;
- Develop a Quality Assurance Project Plan (QAPP) section within the Work Plan that ensures field work and data collected through the course of the project is defensible;
- Prepare a Health and Safety Plan (HASP) to protect the safety of site workers and other involved personnel;
- Conduct an extensive records search;
- Comply with Federal, State and Local requirements.

1.3 Work Plan Organization

The Work Plan is organized into nine sections, with attached Tables and Figures. The sections are described below:

- **Section 1.0: Introduction:** Includes a brief summary of the Project Background and explanation of the Work Plan organization.
- **Section 2.0: Site Background:** Includes a review of the Site Background including a description of the Site.
- **Section 3.0: Site Background Research:** Includes a description of the objectives, methods, and procedures used in conducting the background research.
- **Section 4.0: Investigation/Remediation Standard Operating Procedures:** Includes the procedures that will be followed during the completion of various investigative activities.
- **Section 5.0: Quality Assurance Project Plan:** The Work Plan goals will be achieved at the Site by following data collection and quality control procedures for chain-of-custody, laboratory analysis, instrument calibration, internal quality control, preventive

maintenance, and corrective action, as depicted in the Area Wide Investigation Work Plan.

- **Section 6.0: Health and Safety:** Includes a brief summary of the Health and Safety Plan that was submitted to the NYSDEC under a separate cover.
- **Section 7.0: Project Management Approach:** Includes a description of the Project Organization and Project Schedule to complete the PI field and reporting activities.
- **Section 8.0: Subcontracts and Minority/Woman-owned Business Entity (M/WBE) Utilization Plan:** Includes a list of the subcontractors proposed to perform the work involved in this assignment and identifies M/WBE firms.
- **Tables:** Includes all tables referenced in the Work Plan.
- **Figures:** Includes all figures referenced in this Work Plan.
- **Appendices:** Includes the Project Budget Package.

2.0 SITE BACKGROUND

2.1 Site Description

2.1.1 Site Physical Setting

The Site is located at 32 East Buffalo Street in the Village of Churchville, Town of Riga, Monroe County, New York. A Site Location Map is included as **Figure 1**. The Site is and has historically been used as a commercial/industrial site.

2.1.2 General Site History

Luster-Coate Metallizing Corp. was reported to provide application of metal film and paint coatings to plastic materials manufactured off-site. Prior to this activity, the site was reportedly used for a variety of industrial purposes including condiment bottle processing, canary propagation, and wooden toy manufacturing with industrial activity dating to at least 1929. Luster-Coate Metallizing Corp. is currently undergoing Chapter 7 liquidation. Operations at the site appear to have ceased in rapid fashion and drums, pails, and vats of chemicals were abandoned on-site.

The property consists of a main building where manufacturing occurred and warehouse buildings for storage of parts and material. The main building consists of two levels with a footprint of approximately 36,000 square feet with portions reportedly dating to the early 1800's. There are four warehouse buildings of varying sizes approximately 2,400 to 3,600 square feet reportedly built during the 1970's. The site is approximately 4.5 acres with the majority covered by the structures or pavement.

2.1.3 Regional Geology

According to Environmental Data Resources, Inc., the rock stratigraphic unit can be described as of the Paleozoic era, Silurian system, Upper Silurian (Cayugan) series. Soils in the vicinity can be described as well drained, gravelly – silt loam. The depth to bedrock is typically greater than 60 inches below ground surface.

2.1.4 Regional Hydrogeology

According to Environmental Data Resources, Inc., the depth to the water table is typically more than six feet below ground surface.

3.0 SITE BACKGROUND RESEARCH

3.1 Personnel Interviews

Reasonable attempts will be made during site investigative activities to interview residents, former employees, current occupants and local government officials to obtain information indicating recognized environmental conditions in connection with the Site. This task will include verification, where possible, of dates when business as were in practice, former waste handling procedures, and other information as determined at a later date, especially during the use of the building by Luster-Coate Metallizing Corp.

3.2 General Historic Land Use Review

Shaw will review land use and ownership at the Monroe County Zoning Department and Assessor's Office. The findings will be summarized and provided in the format requested by the NYSDEC Project Manager.

3.3 Historic Aerial Photograph Review

Shaw will make reasonable attempts to review all historical aerial photographs available of the Site. These photographs will be reviewed at the NYS Office for Technology in Albany, New York and the Village of Churchville/Monroe County Building. Shaw will also contact outside firms to gather aerial photographs not found in Albany or Churchville, if necessary. The findings will be summarized and figures provided in the PSA Report.

3.4 Sanborn Map Review

Shaw will request Sanborn Maps from EDR for the Village of Churchville as well as reviewing any additional Sanborn Maps provided by the Village and New York State Library. The findings will be summarized in the PSA Report.

3.5 City Directory Search

Shaw will request a City Directory Search from EDR for the Village of Churchville. The findings will be summarized and provided in the PSA Report.

3.6 Chain of Title Research

Shaw will procure a Chain of Title for the Site. The findings will be summarized and provided in the PSA Report.

3.7 Pertinent Records Review

Shaw will review all readily available environmental records provided by EDR, the NYSDEC and sources within the Village library, Monroe County zoning office, etc. The findings will be summarized and provided in the PSA Report.

3.8 Waste Management Records

Shaw will review any existing and historic Waste Management Records provided by Luster-Coate Metallizing Corp. The findings will be summarized and provided in the PSA Report.

4.0 INVESTIGATION METHODOLOGY

The following section provides a summary of the procedures that will be used during the investigative activities completed at the Site. All field information regarding sample methodology, sample location, sample time, etc., will be documented in a field log book. Additional detail regarding investigative methodology can be found in the Site Assessment Sampling and Analysis Plan.

4.1 Site Surveying

A site survey will be performed and a detailed site base map will be prepared showing locations of site features and historical sampling locations (**Figure 2**), new sampling locations, utilities, drainage features, property limits, and all other relevant site features.

4.2 Soil Gas Sampling

Twenty soil gas points will be installed at the Site (**Figure 3**). All points will be field screened with a Photoionization Detector. At three locations, to be determined in the field, air samples will be collected for TO-15 laboratory analysis.

4.3 Surface Soil Sampling

Nine surface soil samples will be collected from the 0- to 2-inch interval to determine if any surficial impacts exist at the Site (**Figure 4**). Areas to be sampled will include historic storage areas, tank location, transformer pad and other suspected source areas. One upgradient location will be chosen to represent background conditions.

4.4 Subsurface Soil Sampling

Seven subsurface soil samples will be collected to determine if any impacts exist at depth beneath the Site (**Figure 5**). Borings will be installed to approximately 30 feet below ground surface, to refusal, or to bedrock. Selected locations include historic waste storage areas and other suspected source areas. Three selected locations will be finished as piezometers in order to determine groundwater flow direction across the Site.

4.5 Groundwater Sampling

Groundwater samples will be collected from all existing wells (four temporary wells and two water supply wells) and four newly installed wells to assess the existing groundwater quality across the Site (**Figure 6**).

4.6 Dye Testing

Dye tests will be performed at all sumps, drains, and catch basins located at the Site (**Figure 7**). These dye tests will be used to determine that all drainage structures are intact and lead to the appropriate destination.

4.7 Sediment Sampling

Sediment samples will be collected from within Black Creek at five locations to determine if former activities have impacted the sediment quality (**Figure 8**).

5.0 QUALITY ASSURANCE PROJECT PLAN

Site Specific Quality Assurance and Standard Operating Procedures (SOPs) for field sampling, sample custody, laboratory protocols (for a fixed laboratory), internal quality control, preventive maintenance, and corrective action are summarized in the Quality Assurance Project Plan (QAPP), which will be submitted to the NYSDEC under separate cover. Given the limited scope of work at this Site, no data reduction/validation will be done at this time, however all lab data sets will be a “category B” deliverable should the need for validation change in the future.

6.0 HEALTH AND SAFETY

A site specific Health and Safety Plan (HASP) will be developed and signed by an approved Certified Environmental Hygienist (CIH) for the project in accordance with the Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response Regulation, 29 CFR 1910.120. A copy of this plan will remain on-site during field activities. All field personnel involved with completing this work scope will be thoroughly familiar with this document. Field personnel (including any observers) will sign the document acknowledging that they have read and fully understand its contents.

All personnel working at this Site will have a minimum of 40 hours of initial hazardous waste activity instruction and an annual 8 hours of refresher training, as well as a minimum of 3 days of field experience under the direct supervision of an experienced professional. On-site managers and supervisors directly responsible for the employees engaged in the sampling activities will also receive an additional 8 hours of supervising training. The training requirements comply with the OSHA Hazardous Waste Operations and Emergency Response Regulation, 29 CFR 1910120. An on-site health and safety officer will be present during all field drilling activities to ensure compliance with these protocols. Local residents, homeowners, and other persons not OSHA certified will be excluded from the work area.

7.0 PROJECT MANAGEMENT APPROACH

7.1 Project Cost and Schedule Control System

Appendix A contains the complete budget package for this project. Invoices in a format acceptable to the NYSDEC will be sent on a monthly basis. A cover letter summarizing the financial status of the project, incurred costs and expenditures and a narrative description of completed tasks will accompany the invoice. Any issues associated with the project scope, schedule or budget will be noted in this letter.

7.2 Project Organization

The project organization and key personnel employed in the Luster-Coate Metallizing Corp. project effort are listed below. The following provides a brief description of overall duties and responsibilities by major functional work area.

Project Director, David Stahl, P.E., is responsible for technical support and overall quality assurance. The primary objective of quality assurance is to facilitate compliance with regulatory agency guidance and regulations. The Project Director will oversee the Project Manager, monitor the project budget and schedule and ensure availability of necessary personnel and services. He will participate in the development of the field program, evaluation of data, development of conclusions and recommendations, and reporting.

Project Manager, Daniel Servetas, P.E., is responsible for ensuring that all activities are conducted in accordance with contractual specifications, the Statement of Work (SOW), and approved Work Plans. The Project Manager is responsible for management of all operations conducted for this project. He will ensure that all personnel assigned to this project, including subcontractors, review the technical plans before any task associated with the project is initiated. The Project Manager will monitor the project budget and schedule and ensure availability of necessary personnel, equipment, subcontractors, and services. He will participate in the

development of the field program, evaluation of data, development of conclusions and recommendations, and reporting.

Shaw Field Operations Leader, Kevin Cronin, provides management of the field activities. He is responsible for ensuring that technical matters pertaining to the field program are addressed. He will participate extensively in data interpretation, report writing, and preparation of deliverables, and will ensure that work is being conducted as specified in the technical plans. Before field activities are initiated, he will conduct a field staff orientation and briefing to acquaint project personnel with the Site, and assign field responsibilities.

Project Quality Control (QC) Manager, Kevin Cronin, is responsible for ensuring that the QC procedures and objectives in the project-specific Work Plans are met, reviewing selected field and analytical data to ensure adherence to QA/QC procedures, and approving the quality of data before they are included in the PI report. The Site QC Manager is also responsible for day-to-day compliance monitoring of the approved QC plans including records filing, archiving and reporting project activities.

Site Safety and Health Officer (SSHO), Kevin Cronin, The SSHO is responsible for day-to-day compliance with the approved HASP. This plan specifies site-specific personnel training; maintenance of the medical monitoring program; management of personal protective equipment (PPE), decontamination operations, and operations support to the on-site field staff. The SSHO will ensure that all field staff maintain Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Response (HAZWOPER) certifications and are current under medical monitoring programs meeting 29 Code of Federal Regulations (CFR) 1910.120.

Project Chemist/Data Validation Manager, Anthony Perretta, will ensure that the work performed is in accordance with the QAPP, Standard Operating Procedures (SOPs), and other pertinent analytical procedures. He will also be responsible for sample tracking, data management, laboratory coordination, data interpretation, and report writing. Mr. Perretta will be responsible for the review, evaluation, and validation of all analytical data for the project and will participate in interpreting and presenting the analytical data. This includes reviewing selected field and analytical data to ensure adherence to QA/QC procedures, and approving the quality of data before they are included in the PSA Report. The Project Chemist/Data Validation Manager will be responsible for the validation of the analytical data from the contract laboratory according to the QAPP, USEPA analytical methods performed, and laboratory SOPs. Data qualifiers will be consistent with the USEPA Region II standards. The Data Validation Manager

is also responsible for the production of a final Data Usability Report for the project with a justification for qualifiers applied (if any), while maintaining strict adherence to project schedules.

Project Engineer, Karie Henning, E.I.T., The Project Engineer is responsible for project planning, documentation, and technical support. This position will also coordinate Work Plan development, and assist in site evaluation and support operations. Ms. Henning will report directly to the Project Manager, Mr. Servetas. Ms. Henning will also provide technical support, data, and information gathered as part of the on-going PSA at the Site to the Project Manager, Mr. Servetas, and the project team.

Shaw Project Team (Kevin Cronin, Karie Henning, Anthony Perretta, Heather Trent, and Cecelia Campbell): implement field activities, field QA/QC, and health and safety operations as required in the Work Plan, and Site Health and Safety Plan. The project team will get additional specific guidance for field modifications from the field operations leader and the SHSO.

Subcontractors: Subcontractor support services will be procured through competitive bidding in accordance with Shaw's and NYSDEC requirements. Subcontractors will be selected based upon demonstrated experience; technical approach; staff experience; cost and schedule commitments; and business classification. Shaw will utilize several subcontractors for major work elements during this field effort. Professional service subcontractors anticipated for this field effort include: geophysical contractor, drilling contractor, licensed land/civil surveying, and analytical laboratory services.

7.3 Project Schedule

A project schedule has been prepared for the PSA Report covering the planning, field operation, and reporting phases (**Table 1**). The schedule may be modified as conditions warrant. The schedule identifies task components in the different phases of work in the appropriate chronology including deliverables and important project milestones. Numerically listed on the schedule are the durations of tasks in terms of days. For both planning and reporting documents, review periods have been established.

7.4 Project Deliverables

The anticipated project deliverables include:

- Health and Safety Plan (HASP);
- Surveyed site map with sampling locations clearly shown;
- A PSA Investigation Report that will include a narrative summary; details on the scope of work plan, record review, and deviations to the work plan; a site assessment with detailed interpretation of the data; and conclusions and recommendations.

All analytical data will be submitted by the contract laboratory in a category B electronic format that will be retained, along with field notes/logs by Shaw in our project files.

8.0 SUBCONTRACTS AND MINORITY- AND WOMEN-OWNED BUSINESS ENTERPRISE (M/WBE) UTILIZATION PLAN

There are five areas of service for the Site amenable to subcontracting. In accordance with NYSDEC procedures, competitive bids were solicited from five firms for each area of service identified below. Fixed-base analytical services laboratories provided quotes for this work assignment. Efforts were made to acquire bids from Minority- and Women-Owned Businesses. The following subcontractors are proposed to perform the scope of work for the Luster-Coate Metallizing Corp. Site. The Minority- and Women-Owned Business Enterprises are identified with MBE and WBE, respectively.

- Hollow Stem Auger Drilling and Direct Push Boring – Nature’s Way
- Laboratory Analysis – Mitkem Corporation (MBE)
- Data Validation – Environmental Data Services (WBE)
- Waste Management – Franks Vacuum
- Site Base Map Survey – C. T. Male & Associates

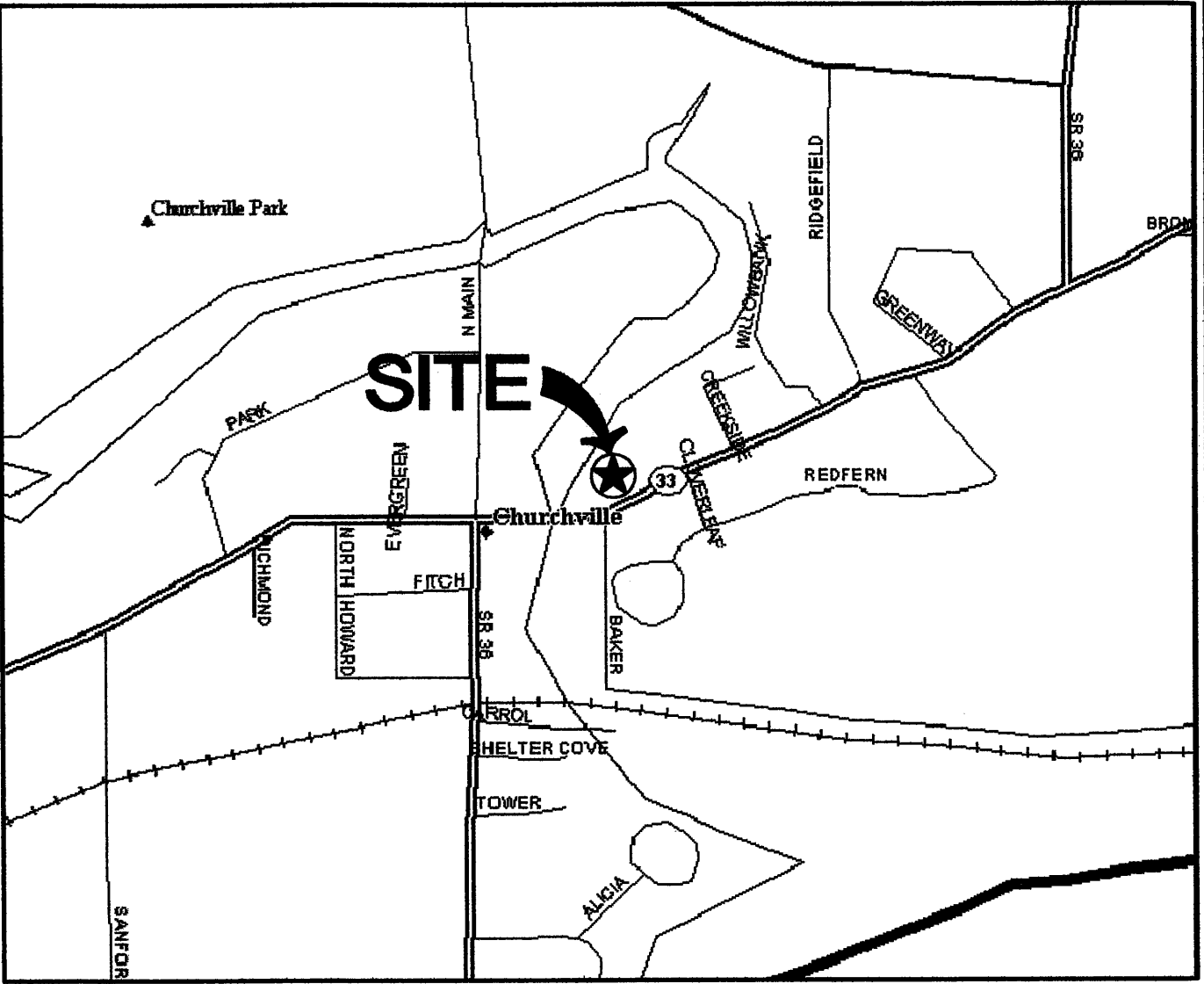
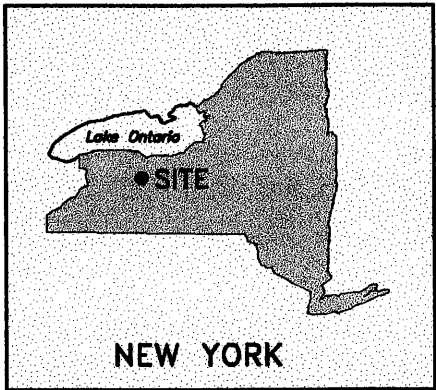
TABLES

TABLE 1 - PROJECT MILESTONES

Task	Duration (days)	Proposed Milestone
Site Walk	1	June 27, 2004
Scoping Meeting	1	July 22, 2004
Complete Work Plan	40	September 16, 2004
Notice to Proceed	30	October 28, 2004
Complete Record/Background Review	30	December 9, 2004
Complete PSA Field Activities	60	March 3, 2005
Draft PSA Report	60	May 26, 2005
Complete Remedial Investigation (if required)	185	February 9, 2006

FIGURES

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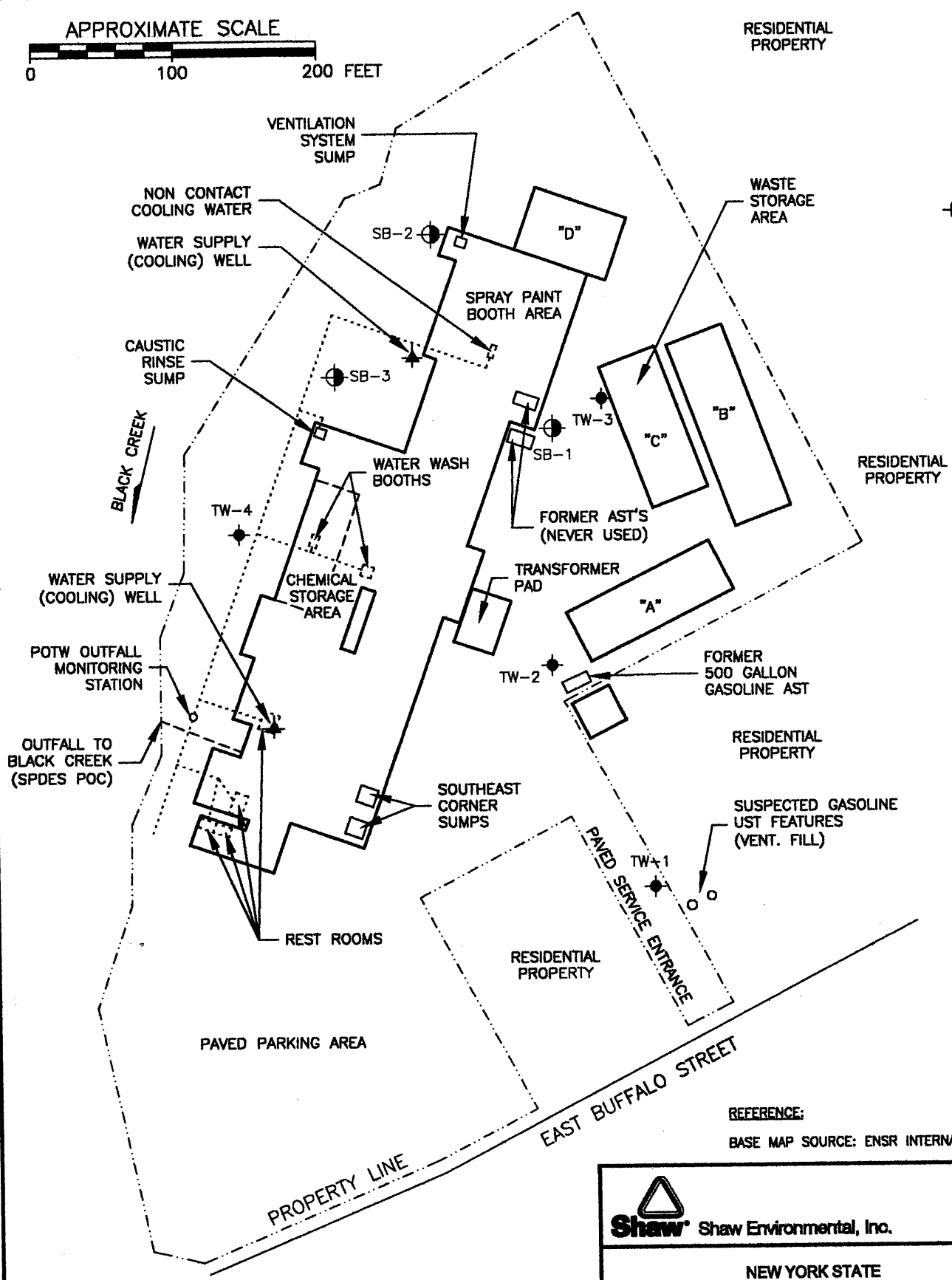
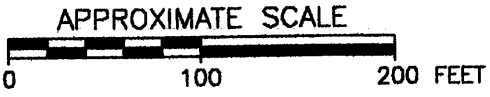
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FIGURE 1
 SITE LOCATION MAP
 LUSTER-COATE METALLIZING CORP.
 32 EAST BUFFALO STREET
 CHURCHVILLE, NEW YORK 14428

REFERENCE:
 MAP FROM DELORME'S MAP EXPERT,
 FREEPORT, MAINE.


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- LEGEND**
- ◆ MONITORING WELL
 - SOIL BORING
 - ★ WATER SUPPLY WELL

REFERENCE:
 BASE MAP SOURCE: ENSR INTERNATIONAL.

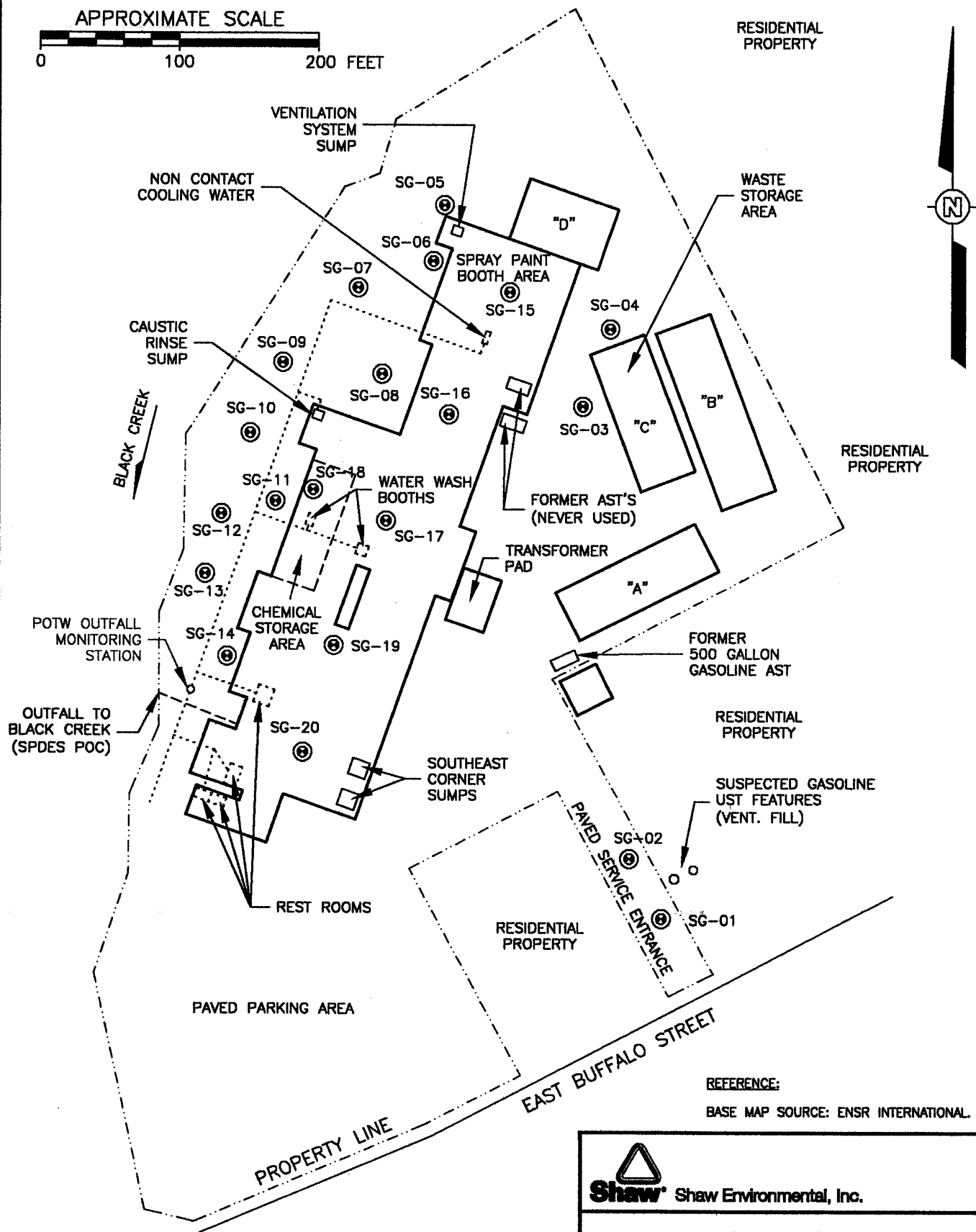
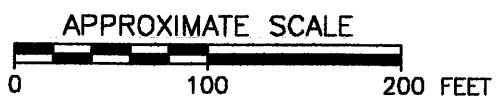

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NEW YORK STATE
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FIGURE 2
SITE FEATURES & HISTORICAL SAMPLING LOCATIONS
 LUSTER-COATE METALLIZING CORP.
 32 EAST BUFFALO STREET
 CHURCHVILLE, NEW YORK 14428


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LEGEND
 (S) PROPOSED SOIL GAS SAMPLING LOCATION

REFERENCE:
 BASE MAP SOURCE: ENSR INTERNATIONAL

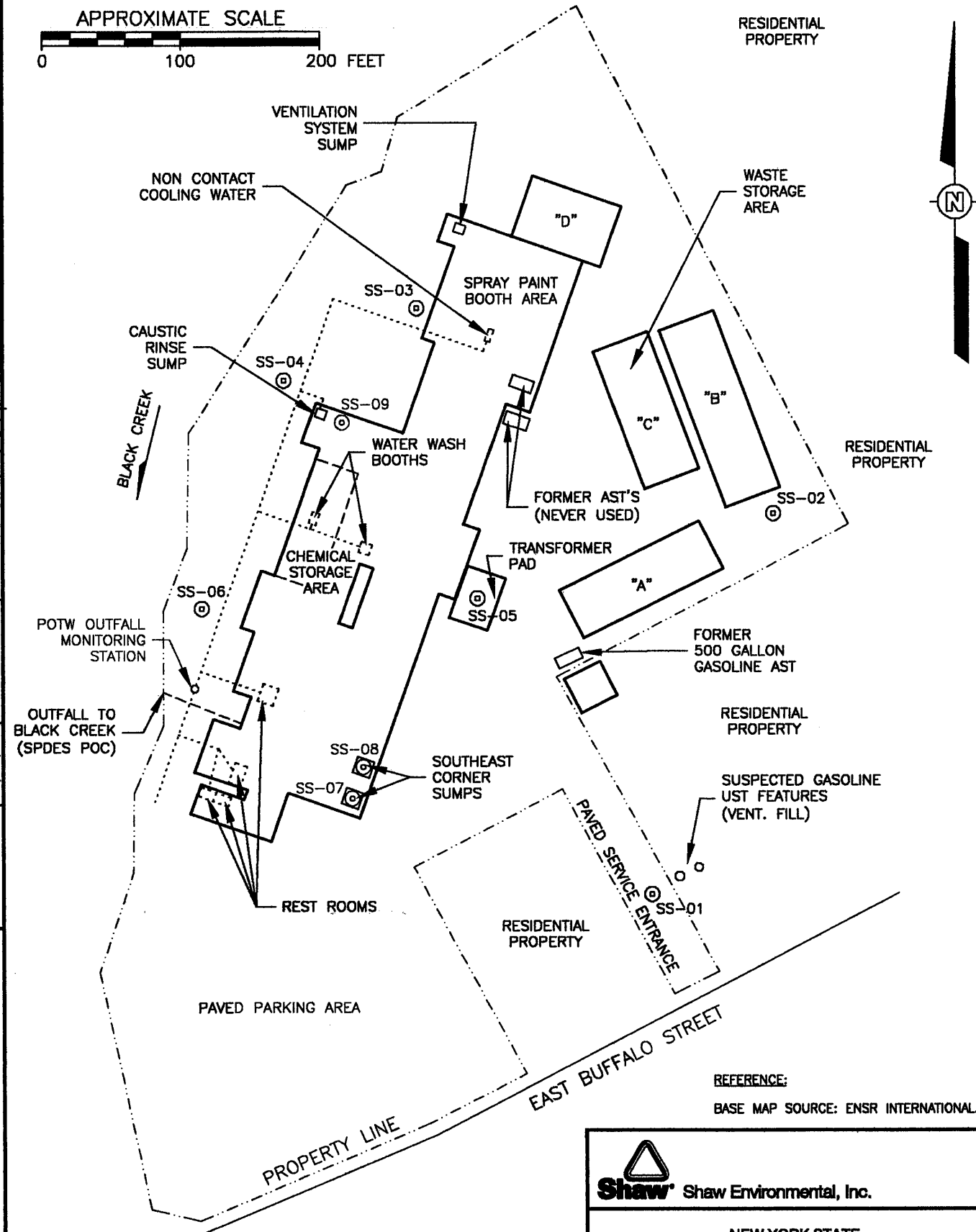
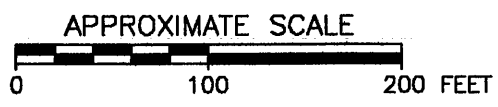

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NEW YORK STATE
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FIGURE 3
PROPOSED SOIL GAS SAMPLING LOCATIONS
 LUSTER-COATE METALLIZING CORP.
 32 EAST BUFFALO STREET
 CHURCHVILLE, NEW YORK 14428

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 APPROVED BY: D.S. [initials]
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LEGEND
 ⊙ PROPOSED SURFACE SOIL SAMPLING LOCATION

REFERENCE:
 BASE MAP SOURCE: ENSR INTERNATIONAL.

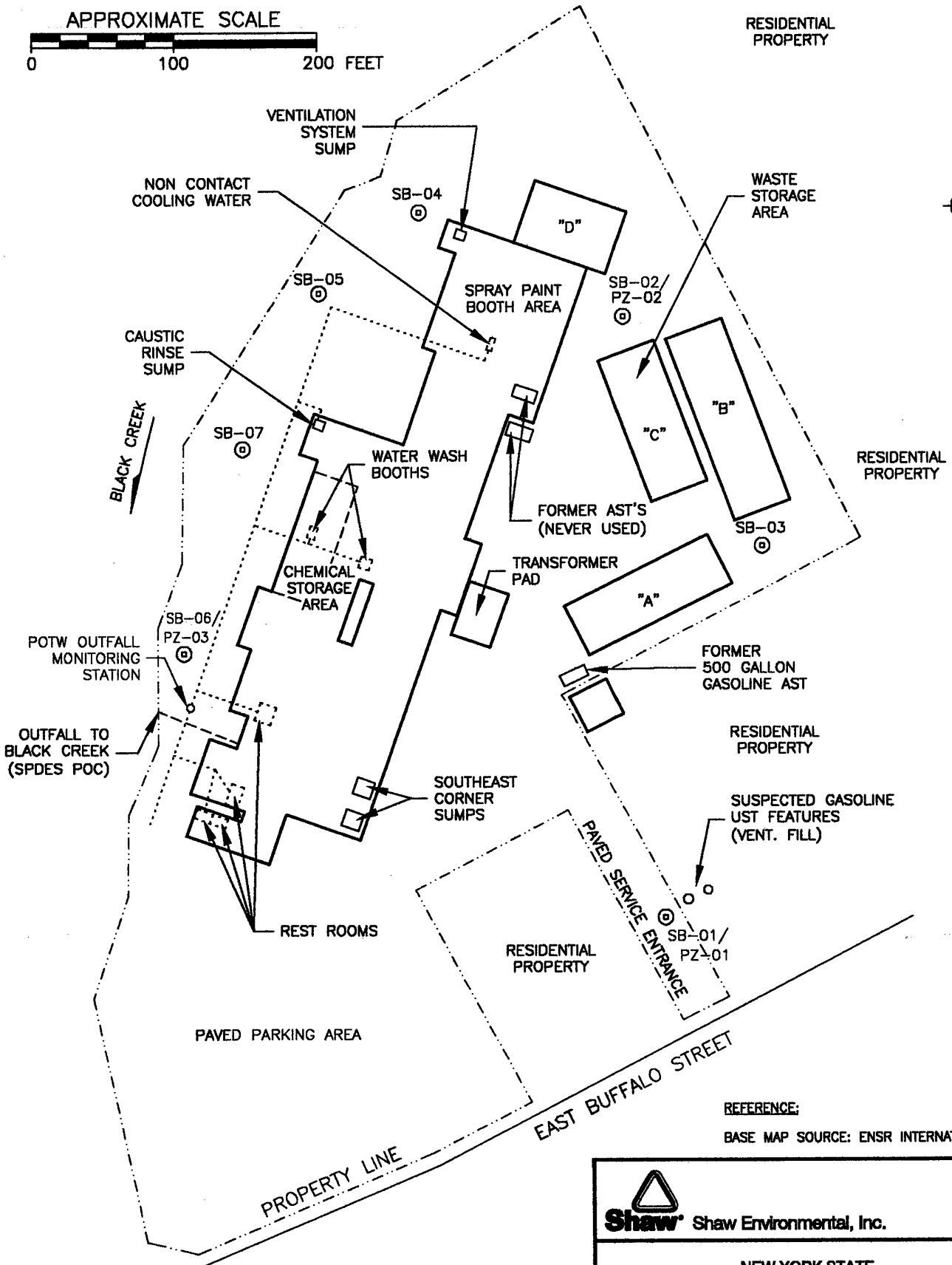
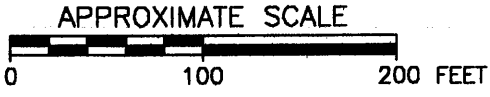
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 DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FIGURE 4
 PROPOSED SURFACE SOIL SAMPLING LOCATIONS
 LUSTER-COATE METALLIZING CORP.
 32 EAST BUFFALO STREET
 CHURCHVILLE, NEW YORK 14428

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LEGEND
 (⊙) PROPOSED SUBSURFACE SOIL SAMPLING LOCATION

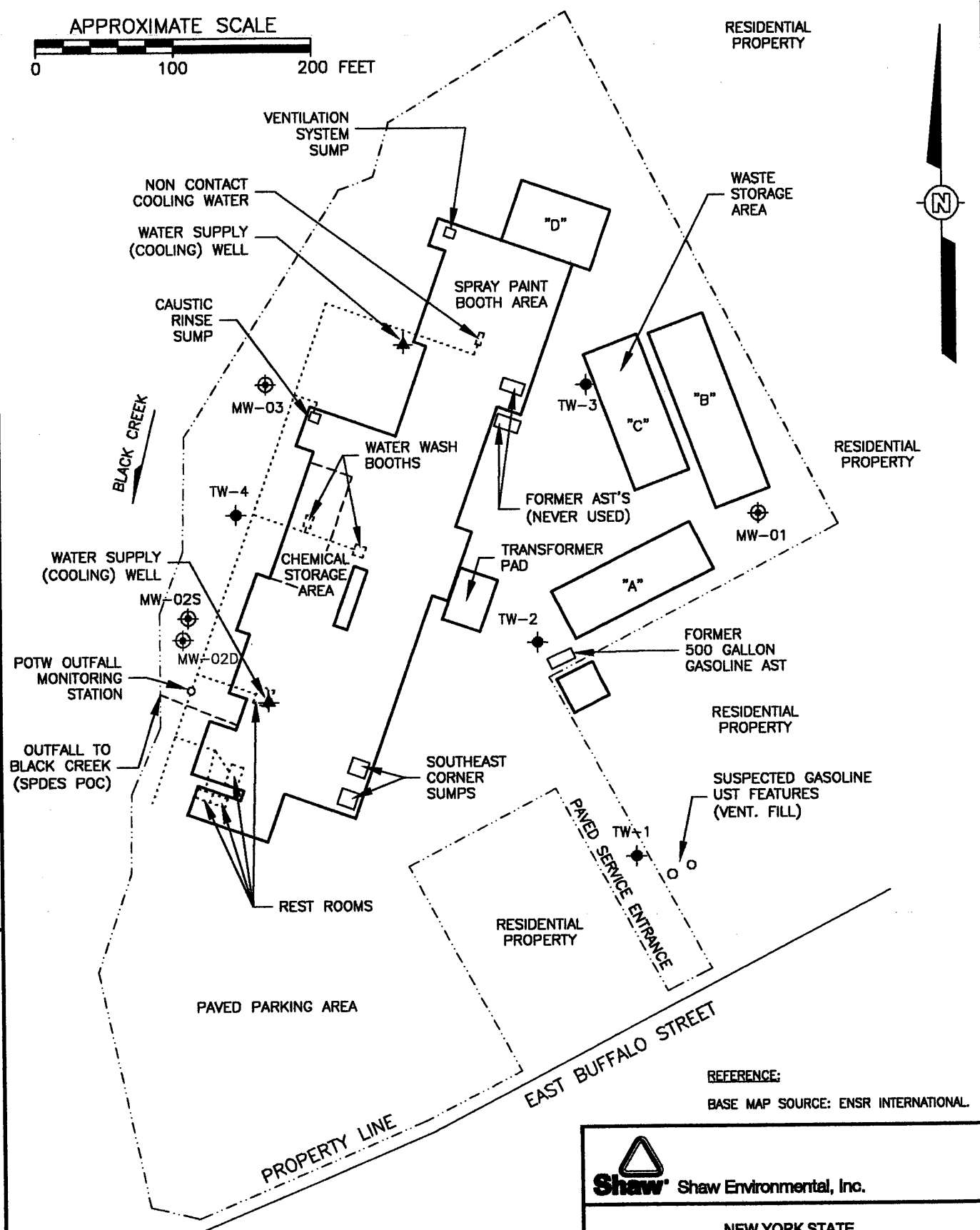
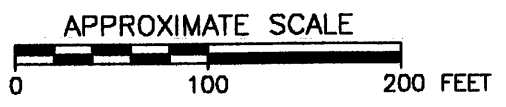
NOTE: SB-01, SB-02 & SB-06 TO BE FINISHED AS PIEZOMETERS.

REFERENCE:
 BASE MAP SOURCE: ENSR INTERNATIONAL.


Shaw Environmental, Inc.
 NEW YORK STATE
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FIGURE 5
PROPOSED SUBSURFACE SOIL SAMPLING LOCATIONS
LUSTER-COATE METALLIZING CORP.
32 EAST BUFFALO STREET
CHURCHVILLE, NEW YORK 14428

L:\project\DEC\CHURCHVILLE\109220A13.dwg
 Plot Date/Time: 09/24/04 02:47pm
 Plotted by: Samuil.Shkolnik


OFFICE: ALBANY, NY
 DATE: 08/12/04
 DESIGNED BY: D. SERVETAS
 DRAWN BY: S. SHKOLNIK
 CHECKED BY: ZLH
 APPROVED BY: [Signature]
 DRAWING NUMBER: 109220A14



L:\project\DEC\CHURCHVILLE\109220A14.dwg
 Plot Date/Time: 09/24/04 02:47pm
 Xref: .
 Plotted by: Samuil.Shkolnik

- LEGEND**
- ◆ EXISTING MONITORING WELL
 - ▲ EXISTING WATER SUPPLY WELL
 - ⊕ PROPOSED MONITORING WELL

REFERENCE:
 BASE MAP SOURCE: ENSR INTERNATIONAL.

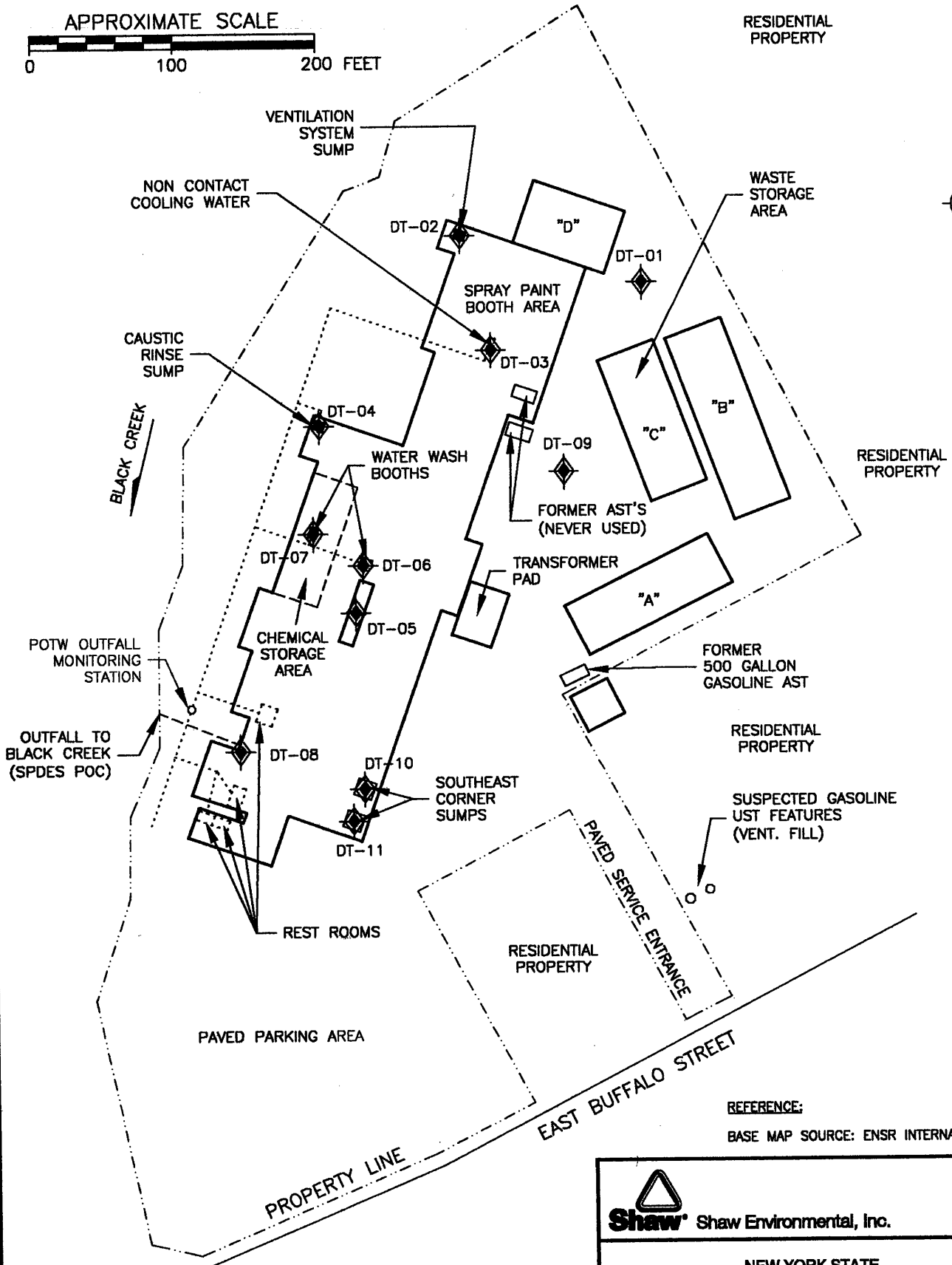
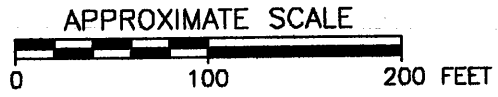


Shaw Shaw Environmental, Inc.

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FIGURE 6
PROPOSED GROUNDWATER SAMPLING LOCATIONS
 LUSTER-COATE METALLIZING CORP.
 32 EAST BUFFALO STREET
 CHURCHVILLE, NEW YORK 14428

OFFICE: ALBANY, NY
 DATE: 08/12/04
 DESIGNED BY: D. SERVETAS
 DRAWN BY: S. SHKOLNIK
 CHECKED BY: KUH
 APPROVED BY: DS
 DRAWING NUMBER: 109220A15



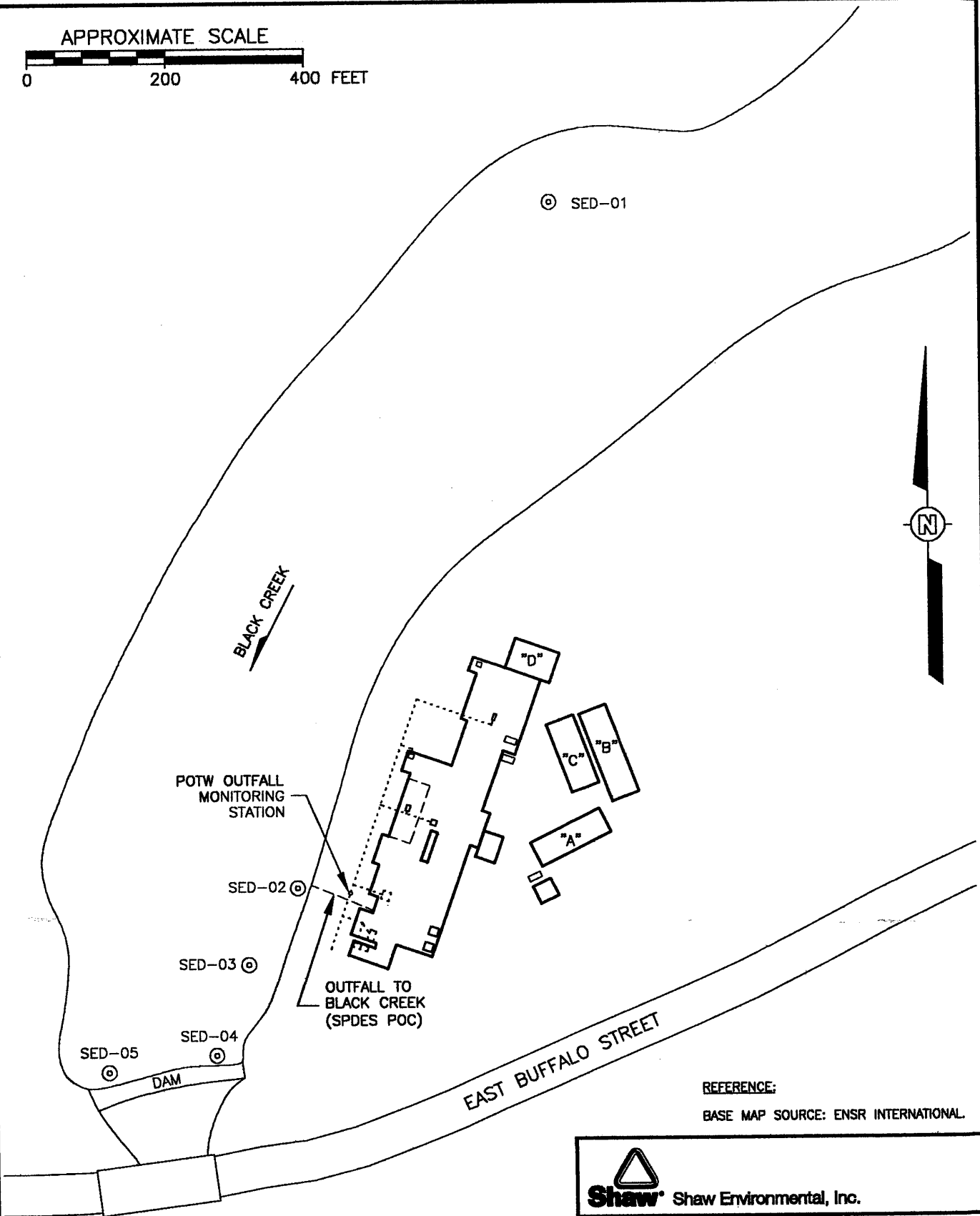
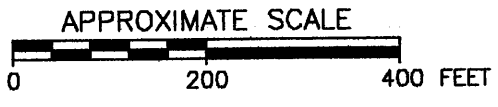
LEGEND
 PROPOSED DYE TEST LOCATION

REFERENCE:
 BASE MAP SOURCE: ENSR INTERNATIONAL.

Shaw Environmental, Inc.
 NEW YORK STATE
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FIGURE 7
PROPOSED DYE TEST SAMPLING LOCATIONS
 LUSTER-COATE METALLIZING CORP.
 32 EAST BUFFALO STREET
 CHURCHVILLE, NEW YORK 14428

L:\project\DEC\CHURCHVILLE\109220A15.dwg
 Plot Date/Time: 09/24/04 02:46pm
 Xref: .
 Image: .
 Plotted by: Samuil.Shkolnik

OFFICE: ALBANY, NY
 DATE: 08/13/04
 DESIGNED BY: D. SERVETAS
 DRAWN BY: S. SHKOLNIK
 CHECKED BY: K.H.
 APPROVED BY: [Signature]
 DRAWING NUMBER: 109220A16



REFERENCE:
 BASE MAP SOURCE: ENSR INTERNATIONAL.

LEGEND
 ⊙ PROPOSED SEDIMENT SAMPLING LOCATION

Shaw Shaw Environmental, Inc.

NEW YORK STATE
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FIGURE 8
 PROPOSED SEDIMENT SAMPLING LOCATIONS
 LUSTER-COATE METALLIZING CORP.
 32 EAST BUFFALO STREET
 CHURCHVILLE, NEW YORK 14428

L:\project\DEC\CHURCHVILLE\109220A16.dwg
 Plot Date/Time: 08/24/04 02:46pm
 Plotted by: Samuil.Shkolnik

APPENDICES

APPENDIX A

PROJECT BUDGET PACKAGE

Luster-Coate Metallizing Corp. Site Characterization - RI/FS
Work Assignment Cost Schedule 2.11

New York State Department of Environmental Conservation
Superfund Standby Contract

Work Assignment #: D003666-46

SEPTEMBER 2004

This cost schedule represents costs for the tasks of Work Plan Preparation (Task 1), PSA Research (Task 2.1), PSA Field Activities (Task 2.2), and PSA Report Preparation (Task 2.3).

NYSDEC Project Manager: Edward Hampston, P.E.

Shaw Environmental and Infrastructure Engineering of New York, P.C.
Project Manager: Daniel Servetas, P.E.

SUMMARY OF WORK ASSIGNMENT PRICE

Project Name: Luster-Coate Metallizing Corp. Site Characterization - RI/FS (Site #8-23-113)

Work Assignment #: D003666-46

Printed: 09/24/04

The following documents provide a summary of Work Assignment costs in the required 2.11 series cost schedules. The following schedules are presented:

- 2.11(a) Summary of Work Assignment Price**
- 2.11(b)1 Direct Administrative Labor Hours**
- 2.11(c) Direct Non-Salary Costs (Travel and Office)**
- 2.11(d) Direct Non-Salary Costs (Equipment and Supplies)**
- 2.11(d)2 Maximum Reimbursement Rate for Consultant/Subconsultant Owned Equipment**
- 2.11(d)5 Consumable Supplies**
- 2.11(e) Cost-Plus-Fixed-Fee Subcontracts**
- 2.11(f) Unit Price Subcontracts (including supporting documentation)**
- 2.11(g) Overall Summary of Fiscal Information, with separate schedules for individual tasks**
- 2.11(g) Supplemental - Cost Control Report for Subcontracts**
- 2.11(h) Monthly Cost Control Report**

COST SUMMARY

Project Name: Luster-Coate Metallizing Corp. Site Characterization - RI/FS (Site #8-28-113)
Work Assignment #: D003666-46

	Task Name	Total Cost	Description of Activity
Task 1	Work Plan Development	\$13,462.40	Develop Work Plan for PSA
Task 2	Preliminary Site Assessment	\$105,060.77	Conduct PSA and prepare PSA Report

Total costs: \$118,523.17

SCHEDULE 2.11(a)
SUMMARY OF WORK ASSIGNMENT PRICE
Luster-Coate Metallizing Corp. Site Characterization - RI/FS
Work Assignment #: D003666-46

Printed: 09/24/04

1	Direct Salary Costs (Schedules 2.10(a) and 2.11 (b))	\$21,835
2	Indirect Costs (Schedule 2.10(a)) [1.63 x (1)]	\$35,591
3	Direct Non-Salary Costs (Schedules 2.11(c) and (d))	\$15,175

4 Cost-Plus-Fixed-Fee Subcontracts (Schedule 2.11(e))

<u>Name of Subcontractor</u>	<u>Services to be performed</u>
------------------------------	---------------------------------

a.)

b.)

Total Cost-Plus-Fixed-Fee Subcontracts

5 Unit Price Subcontracts (Schedule 2.11(f))

<u>Name of Subcontractor</u>	<u>Services to be performed</u>
------------------------------	---------------------------------

1	CT Male	Surveyor	\$3,750
2	Mitkem	Analytical Laboratory	\$21,741
3	Nature's Way	Drilling Services	\$10,705
4	Franks Vacuum	IDW Disposal	\$1,742
5	Environmental Data Services	Data Validation	\$2,686
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			

Total Unit Price Subcontracts	\$40,624
--------------------------------------	-----------------

6	Subcontract Management Fee (5% of Tasks in (5) over \$10,000)	\$1,622
7	Total Subcontract Costs (4+5+6)	\$42,247
8	Fixed Fee (Schedule 2.10(h)) (6.4% of (1+2))	\$3,675
9	Total Work Assignment Price (1+2+3+7+8)	\$118,523

PROJECT NAME: Luster-Coate Metallizing Corp. Site Characterization - RI/FS
 Work Assignment #: D003666-46

SHAW COST PROPOSAL SUMMARY
INCLUDES SCHEDULES 2.11(b) AND 2.11(B)1

NSPE	VIII	VII	VI	V	IV	III	II	I	Total Hours
2001 Average Rates	\$49.94	\$41.39	\$35.23	\$30.13	\$24.93	\$20.25	\$17.93	\$14.51	
2002 Average Rates	\$51.44	\$42.63	\$36.29	\$31.03	\$25.68	\$20.86	\$18.47	\$14.95	
2003 Average Rates	\$52.98	\$43.91	\$37.38	\$31.96	\$26.45	\$21.48	\$19.02	\$15.39	
2004 Average Rates	\$54.57	\$45.23	\$38.50	\$32.92	\$27.24	\$22.13	\$19.59	\$15.86	
2005 Average Rates	\$56.21	\$46.58	\$39.65	\$33.91	\$28.06	\$22.79	\$20.18	\$16.33	
Task 1 - 2001 PSA Work Plan Development									
Task 1 - 2002									
Task 1 - 2003									
Task 1 - 2004			40			130		10	180
Task 1 - 2005									
Administrative Hours									
Task 2 - 2001 Preliminary Site Assessment									
Task 2 - 2002									
Task 2 - 2003									
Task 2 - 2004			56			24	180	22	282
Task 2 - 2005			64			58	300	48	470
Administrative Hours									
Task 3 - 2001									
Task 3 - 2002									
Task 3 - 2003									
Task 3 - 2004									
Task 3 - 2005									
Administrative Hours									
Task 4 - 2001									
Task 4 - 2002									
Task 4 - 2003									
Task 4 - 2004									
Task 4 - 2005									
Administrative Hours									
Task 5 - 2001									
Task 5 - 2002									
Task 5 - 2003									
Task 5 - 2004									
Task 5 - 2005									
Administrative Hours									
Task 6 - 2001									
Task 6 - 2002									
Task 6 - 2003									
Task 6 - 2004									
Task 6 - 2005									
Administrative Hours									
Task 7 - 2001									
Task 7 - 2002									
Task 7 - 2003									
Task 7 - 2004									
Task 7 - 2005									
Administrative Hours									
Task 8 - 2001									
Task 8 - 2002									
Task 8 - 2003									
Task 8 - 2004									
Task 8 - 2005									
Administrative Hours									
SUBTOTAL 2001 HOURS									
SUBTOTAL 2002 HOURS									
SUBTOTAL 2003 HOURS									
SUBTOTAL 2004 HOURS			96			154	180	32	462
SUBTOTAL 2005 HOURS			64			58	300	48	470
TOTAL HOURS			160			212	480	80	932

SHAW COST PROPOSAL SUMMARY
INCLUDES SCHEDULES 2.11(b) AND 2.11(B)1

NSPE	VIII	VII	VI	V	IV	III	II	I	Total Hours
2001 Average Rates	\$49.94	\$41.39	\$35.23	\$30.13	\$24.93	\$20.25	\$17.93	\$14.51	
2002 Average Rates	\$51.44	\$42.63	\$36.29	\$31.03	\$25.68	\$20.86	\$18.47	\$14.95	
2003 Average Rates	\$52.98	\$43.91	\$37.38	\$31.96	\$26.45	\$21.48	\$19.02	\$15.39	
2004 Average Rates	\$54.57	\$45.23	\$38.50	\$32.92	\$27.24	\$22.13	\$19.59	\$15.86	
2005 Average Rates	\$56.21	\$46.58	\$39.65	\$33.91	\$28.06	\$22.79	\$20.18	\$16.33	
Task 1 - 2001 Direct Labor Costs									
Task 2 - 2001 Direct Labor Costs									
Task 3 - 2001 Direct Labor Costs									
Task 4 - 2001 Direct Labor Costs									
Task 5 - 2001 Direct Labor Costs									
Task 6 - 2001 Direct Labor Costs									
Task 7 - 2001 Direct Labor Costs									
Task 8 - 2001 Direct Labor Costs									
SUBTOTAL 2001 DIRECT LABOR COSTS									
Task 1 - 2002 Direct Labor Costs									
Task 2 - 2002 Direct Labor Costs									
Task 3 - 2002 Direct Labor Costs									
Task 4 - 2002 Direct Labor Costs									
Task 5 - 2002 Direct Labor Costs									
Task 6 - 2002 Direct Labor Costs									
Task 7 - 2002 Direct Labor Costs									
Task 8 - 2002 Direct Labor Costs									
SUBTOTAL 2002 DIRECT LABOR COSTS									
Task 1 - 2003 Direct Labor Costs									
Task 2 - 2003 Direct Labor Costs									
Task 3 - 2003 Direct Labor Costs									
Task 4 - 2003 Direct Labor Costs									
Task 5 - 2003 Direct Labor Costs									
Task 6 - 2003 Direct Labor Costs									
Task 7 - 2003 Direct Labor Costs									
Task 8 - 2003 Direct Labor Costs									
SUBTOTAL 2003 DIRECT LABOR COSTS									
Task 1 - 2004 Direct Labor Costs			\$1,539.87			\$2,876.60		\$158.55	\$4,575.03
Task 2 - 2004 Direct Labor Costs			\$2,155.82			\$531.07	\$3,526.67	\$348.82	\$6,562.37
Task 3 - 2004 Direct Labor Costs									
Task 4 - 2004 Direct Labor Costs									
Task 5 - 2004 Direct Labor Costs									
Task 6 - 2004 Direct Labor Costs									
Task 7 - 2004 Direct Labor Costs									
Task 8 - 2004 Direct Labor Costs									
SUBTOTAL 2004 DIRECT LABOR COSTS			\$3,695.69			\$3,407.67	\$3,526.67	\$507.38	\$11,137.40
Task 1 - 2005 Direct Labor Costs									
Task 2 - 2005 Direct Labor Costs			\$2,537.71			\$1,321.91	\$6,054.11	\$783.89	\$10,697.62
Task 3 - 2005 Direct Labor Costs									
Task 4 - 2005 Direct Labor Costs									
Task 5 - 2005 Direct Labor Costs									
Task 6 - 2005 Direct Labor Costs									
Task 7 - 2005 Direct Labor Costs									
Task 8 - 2005 Direct Labor Costs									
SUBTOTAL 2005 DIRECT LABOR COSTS			\$2,537.71			\$1,321.91	\$6,054.11	\$783.89	\$10,697.62
TOTAL DIRECT LABOR COSTS			\$6,233.40			\$4,729.58	\$9,580.78	\$1,291.27	\$21,835.02

SCHEDULE 2.11(b)
TASK 1 SUMMARY, WORK PLAN

NSPE	VIII	VII	VI	V	IV	III	II	I	Total Hours
2001 Average Rates	\$49.94	\$41.39	\$35.23	\$30.13	\$24.93	\$20.25	\$17.93	\$14.51	
2002 Average Rates	\$51.44	\$42.63	\$36.29	\$31.03	\$25.68	\$20.86	\$18.47	\$14.95	
2003 Average Rates	\$52.98	\$43.91	\$37.38	\$31.96	\$26.45	\$21.48	\$19.02	\$15.39	
2004 Average Rates	\$54.57	\$45.23	\$38.50	\$32.92	\$27.24	\$22.13	\$19.59	\$15.86	
2005 Average Rates	\$56.21	\$46.58	\$39.65	\$33.91	\$28.06	\$22.79	\$20.18	\$16.33	
Task 1 - 2001 - Work Plan									
Task 1 - 2002									
Task 1 - 2003									
Task 1 - 2004			40			130		10	180
Task 1- 2005									
Task 2 - 2001 - Preliminary Site Assessment									
Task 2 - 2002									
Task 2 - 2003									
Task 2 - 2004									
Task 2 - 2005									
Task 3 - 2001									
Task 3 - 2002									
Task 3 - 2003									
Task 3 - 2004									
Task 3 - 2005									
Task 4 - 2001									
Task 4 - 2002									
Task 4 - 2003									
Task 4 - 2004									
Task 4 - 2005									
Task 5 - 2001									
Task 5 - 2002									
Task 5 - 2003									
Task 5 - 2004									
Task 5 - 2005									
Task 6 - 2001									
Task 6 - 2002									
Task 6 - 2003									
Task 6 - 2004									
Task 6 - 2005									
Task 7 - 2001									
Task 7 - 2002									
Task 7 - 2003									
Task 7 - 2004									
Task 7 - 2005									
Task 8 - 2001									
Task 8 - 2002									
Task 8 - 2003									
Task 8 - 2004									
Task 8 - 2005									
SUBTOTAL 2001 HOURS									
SUBTOTAL 2002 HOURS									
SUBTOTAL 2003 HOURS									
SUBTOTAL 2004 HOURS			40			130		10	180
SUBTOTAL 2005 HOURS									
TOTAL HOURS									
SUBTOTAL 2001 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2002 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2003 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2004 DIRECT LABOR COSTS			\$1,539.87			\$2,876.60		\$158.55	\$4,575.03
SUBTOTAL 2005 DIRECT LABOR COSTS									\$ -
TOTAL DIRECT LABOR COSTS			\$1,539.87			\$2,876.60		\$158.55	\$4,575.03

**SCHEDULE 2.11(b)
TASK 1.1 - WORK PLAN DEVELOPMENT**

NSPE	VIII	VII	VI	V	IV	III	II	I	Total Hours
2001 Average Rates	\$49.94	\$41.39	\$35.23	\$30.13	\$24.93	\$20.25	\$17.93	\$14.51	
2002 Average Rates	\$51.44	\$42.63	\$36.29	\$31.03	\$25.68	\$20.86	\$18.47	\$14.95	
2003 Average Rates	\$52.98	\$43.91	\$37.38	\$31.96	\$26.45	\$21.48	\$19.02	\$15.39	
2004 Average Rates	\$54.57	\$45.23	\$38.50	\$32.92	\$27.24	\$22.13	\$19.59	\$15.86	
2005 Average Rates	\$56.21	\$46.58	\$39.65	\$33.91	\$28.06	\$22.79	\$20.18	\$16.33	
Task 1 - 2001 - Work Plan									
Task 1 - 2002									
Task 1 - 2003									
Task 1 - 2004			40			130		10	180
Task 1-2005									
Task 2 - 2001 - Preliminary Site Assessment									
Task 2 - 2002									
Task 2 - 2003									
Task 2 - 2004									
Task 2 - 2005									
Task 3 - 2001									
Task 3 - 2002									
Task 3 - 2003									
Task 3 - 2004									
Task 3 - 2005									
Task 4 - 2001									
Task 4 - 2002									
Task 4 - 2003									
Task 4 - 2004									
Task 4 - 2005									
Task 5 - 2001									
Task 5 - 2002									
Task 5 - 2003									
Task 5 - 2004									
Task 5 - 2005									
Task 6 - 2001									
Task 6 - 2002									
Task 6 - 2003									
Task 6 - 2004									
Task 6 - 2005									
Task 7 - 2001									
Task 7 - 2002									
Task 7 - 2003									
Task 7 - 2004									
Task 7 - 2005									
Task 8 - 2001									
Task 8 - 2002									
Task 8 - 2003									
Task 8 - 2004									
Task 8 - 2005									
SUBTOTAL 2001 HOURS									
SUBTOTAL 2002 HOURS									
SUBTOTAL 2003 HOURS									
SUBTOTAL 2004 HOURS			40			130		10	180
SUBTOTAL 2005 HOURS									
TOTAL HOURS									
SUBTOTAL 2001 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2002 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2003 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2004 DIRECT LABOR COSTS			\$1,539.87			\$2,876.60		\$158.55	\$4,575.03
SUBTOTAL 2005 DIRECT LABOR COSTS									\$ -
TOTAL DIRECT LABOR COSTS			\$1,539.87			\$2,876.60		\$158.55	\$4,575.03

**SCHEDULE 2.11(b)
TASK 2 SUMMARY, PRELIMINARY SITE ASSESSMENT**

NSPE	VIII	VII	VI	V	IV	III	II	I	Total Hours
2001 Average Rates	\$49.94	\$41.39	\$35.23	\$30.13	\$24.93	\$20.25	\$17.93	\$14.51	
2002 Average Rates	\$51.44	\$42.63	\$36.29	\$31.03	\$25.68	\$20.86	\$18.47	\$14.95	
2003 Average Rates	\$52.98	\$43.91	\$37.38	\$31.96	\$26.45	\$21.48	\$19.02	\$15.39	
2004 Average Rates	\$54.57	\$45.23	\$38.50	\$32.92	\$27.24	\$22.13	\$19.59	\$15.86	
2005 Average Rates	\$56.21	\$46.58	\$39.65	\$33.91	\$28.06	\$22.79	\$20.18	\$16.33	
Task 1 - 2001 - Work Plan									
Task 1 - 2002									
Task 1 - 2003									
Task 1 - 2004									
Task 1 - 2005									
Task 2 - 2001 - Preliminary Site Assessment									
Task 2 - 2002									
Task 2 - 2003									
Task 2 - 2004			56			24	180	22	282
Task 2 - 2005			64			58	300	48	470
Task 3 - 2001									
Task 3 - 2002									
Task 3 - 2003									
Task 3 - 2004									
Task 3 - 2005									
Task 4 - 2001									
Task 4 - 2002									
Task 4 - 2003									
Task 4 - 2004									
Task 4 - 2005									
Task 5 - 2001									
Task 5 - 2002									
Task 5 - 2003									
Task 5 - 2004									
Task 5 - 2005									
Task 6 - 2001									
Task 6 - 2002									
Task 6 - 2003									
Task 6 - 2004									
Task 6 - 2005									
Task 7 - 2001									
Task 7 - 2002									
Task 7 - 2003									
Task 7 - 2004									
Task 7 - 2005									
Task 8 - 2001									
Task 8 - 2002									
Task 8 - 2003									
Task 8 - 2004									
Task 8 - 2005									
SUBTOTAL 2001 HOURS									
SUBTOTAL 2002 HOURS									
SUBTOTAL 2003 HOURS									
SUBTOTAL 2004 HOURS			56			24	180	22	282
SUBTOTAL 2005 HOURS			64			58	300	48	470
TOTAL HOURS			120			82	480	70	752
SUBTOTAL 2001 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2002 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2003 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2004 DIRECT LABOR COSTS			\$2,155.82			\$531.07	\$3,526.67	\$348.82	\$ 6,662.37
SUBTOTAL 2005 DIRECT LABOR COSTS			\$2,537.71			\$1,321.91	\$6,054.11	\$783.89	\$ 10,697.62
TOTAL DIRECT LABOR COSTS			\$4,693.53			\$1,852.98	\$9,580.78	\$1,132.71	\$ 17,260.00

SCHEDULE 2.11(b)
TASK 2.1 - PSA RESEARCH

NSPE	VIII	VII	VI	V	IV	III	II	I	Total Hours
2001 Average Rates	\$49.94	\$41.39	\$35.23	\$30.13	\$24.93	\$20.25	\$17.93	\$14.51	
2002 Average Rates	\$51.44	\$42.63	\$36.29	\$31.03	\$25.68	\$20.86	\$18.47	\$14.95	
2003 Average Rates	\$52.98	\$43.91	\$37.38	\$31.96	\$26.45	\$21.48	\$19.02	\$15.39	
2004 Average Rates	\$54.57	\$45.23	\$38.50	\$32.92	\$27.24	\$22.13	\$19.59	\$15.86	
2005 Average Rates	\$56.21	\$46.58	\$39.65	\$33.91	\$28.06	\$22.79	\$20.18	\$16.33	
Task 1 - 2001 - Work Plan									
Task 1 - 2002									
Task 1 - 2003									
Task 1 - 2004									
Task 1 - 2005									
Task 2 - 2001 - Preliminary Site Assessment									
Task 2 - 2002									
Task 2 - 2003									
Task 2 - 2004			40			16	120	14	190
Task 2 - 2005									
Task 3 - 2001									
Task 3 - 2002									
Task 3 - 2003									
Task 3 - 2004									
Task 3 - 2005									
Task 4 - 2001									
Task 4 - 2002									
Task 4 - 2003									
Task 4 - 2004									
Task 4 - 2005									
Task 5 - 2001									
Task 5 - 2002									
Task 5 - 2003									
Task 5 - 2004									
Task 5 - 2005									
Task 6 - 2001									
Task 6 - 2002									
Task 6 - 2003									
Task 6 - 2004									
Task 6 - 2005									
Task 7 - 2001									
Task 7 - 2002									
Task 7 - 2003									
Task 7 - 2004									
Task 7 - 2005									
Task 8 - 2001									
Task 8 - 2002									
Task 8 - 2003									
Task 8 - 2004									
Task 8 - 2005									
SUBTOTAL 2001 HOURS									
SUBTOTAL 2002 HOURS									
SUBTOTAL 2003 HOURS									
SUBTOTAL 2004 HOURS			40			16	120	14	190
SUBTOTAL 2005 HOURS									
TOTAL HOURS			40			16	120	14	190
SUBTOTAL 2001 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2002 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2003 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2004 DIRECT LABOR COSTS			\$1,539.87			\$354.04	\$2,351.11	\$221.98	\$4,467.00
SUBTOTAL 2005 DIRECT LABOR COSTS									\$ -
TOTAL DIRECT LABOR COSTS			\$1,539.87			\$354.04	\$2,351.11	\$221.98	\$4,467.00

**SCHEDULE 2.11(b)
TASK 2.2 - PSA FIELD ACTIVITIES**

NSPE	VIII	VII	VI	V	IV	III	II	I	Total Hours
2001 Average Rates	\$49.94	\$41.39	\$35.23	\$30.13	\$24.93	\$20.25	\$17.93	\$14.51	
2002 Average Rates	\$51.44	\$42.63	\$36.29	\$31.03	\$25.68	\$20.86	\$18.47	\$14.95	
2003 Average Rates	\$52.98	\$43.91	\$37.38	\$31.96	\$26.45	\$21.48	\$19.02	\$15.39	
2004 Average Rates	\$54.57	\$45.23	\$38.50	\$32.92	\$27.24	\$22.13	\$19.59	\$15.86	
2005 Average Rates	\$56.21	\$46.58	\$39.65	\$33.91	\$28.06	\$22.79	\$20.18	\$16.33	
Task 1 - 2001 - Work Plan									
Task 1 - 2002									
Task 1 - 2003									
Task 1 - 2004									
Task 1 - 2005									
Task 2 - 2001 - Preliminary Site Assessment									
Task 2 - 2002									
Task 2 - 2003									
Task 2 - 2004			16			8	60	8	92
Task 2 - 2005			24			18	140	8	190
Task 3 - 2001									
Task 3 - 2002									
Task 3 - 2003									
Task 3 - 2004									
Task 3 - 2005									
Task 4 - 2001									
Task 4 - 2002									
Task 4 - 2003									
Task 4 - 2004									
Task 4 - 2005									
Task 5 - 2001									
Task 5 - 2002									
Task 5 - 2003									
Task 5 - 2004									
Task 5 - 2005									
Task 6 - 2001									
Task 6 - 2002									
Task 6 - 2003									
Task 6 - 2004									
Task 6 - 2005									
Task 7 - 2001									
Task 7 - 2002									
Task 7 - 2003									
Task 7 - 2004									
Task 7 - 2005									
Task 8 - 2001									
Task 8 - 2002									
Task 8 - 2003									
Task 8 - 2004									
Task 8 - 2005									
SUBTOTAL 2001 HOURS									
SUBTOTAL 2002 HOURS									
SUBTOTAL 2003 HOURS									
SUBTOTAL 2004 HOURS			24			16	60	8	108
SUBTOTAL 2005 HOURS			24			18	140	8	190
TOTAL HOURS			48			34	200	16	298
SUBTOTAL 2001 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2002 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2003 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2004 DIRECT LABOR COSTS			\$923.92			\$364.04	\$1,175.58	\$126.84	\$2,580.37
SUBTOTAL 2005 DIRECT LABOR COSTS			\$951.64			\$410.25	\$2,825.25	\$130.65	\$4,317.79
TOTAL DIRECT LABOR COSTS			\$1,875.56			\$764.29	\$4,000.81	\$257.49	\$6,898.15

SCHEDULE 2.11(b)
TASK 2.3 - PSA REPORT

NSPE	VIII	VII	VI	V	IV	III	II	I	Total Hours
2001 Average Rates	\$49.94	\$41.39	\$35.23	\$30.13	\$24.93	\$20.25	\$17.93	\$14.51	
2002 Average Rates	\$51.44	\$42.63	\$36.29	\$31.03	\$25.68	\$20.86	\$18.47	\$14.95	
2003 Average Rates	\$52.98	\$43.91	\$37.38	\$31.96	\$26.45	\$21.48	\$19.02	\$15.39	
2004 Average Rates	\$54.57	\$45.23	\$38.50	\$32.92	\$27.24	\$22.13	\$19.59	\$15.86	
2005 Average Rates	\$56.21	\$46.58	\$39.65	\$33.91	\$28.06	\$22.79	\$20.18	\$16.33	
Task 1 - 2001 - Work Plan									
Task 1 - 2002									
Task 1 - 2003									
Task 1 - 2004									
Task 1 - 2005									
Task 2 - 2001 - Preliminary Site Assessment									
Task 2 - 2002									
Task 2 - 2003									
Task 2 - 2004									
Task 2 - 2005			40			40	160	40	280
Task 3 - 2001									
Task 3 - 2002									
Task 3 - 2003									
Task 3 - 2004									
Task 3 - 2005									
Task 4 - 2001									
Task 4 - 2002									
Task 4 - 2003									
Task 4 - 2004									
Task 4 - 2005									
Task 5 - 2001									
Task 5 - 2002									
Task 5 - 2003									
Task 5 - 2004									
Task 5 - 2005									
Task 6 - 2001									
Task 6 - 2002									
Task 6 - 2003									
Task 6 - 2004									
Task 6 - 2005									
Task 7 - 2001									
Task 7 - 2002									
Task 7 - 2003									
Task 7 - 2004									
Task 7 - 2005									
Task 8 - 2001									
Task 8 - 2002									
Task 8 - 2003									
Task 8 - 2004									
Task 8 - 2005									
SUBTOTAL 2001 HOURS									
SUBTOTAL 2002 HOURS									
SUBTOTAL 2003 HOURS									
SUBTOTAL 2004 HOURS									
SUBTOTAL 2005 HOURS			40			40	160	40	280
TOTAL HOURS			40			40	160	40	280
SUBTOTAL 2001 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2002 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2003 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2004 DIRECT LABOR COSTS									\$ -
SUBTOTAL 2005 DIRECT LABOR COSTS			\$1,586.07			\$911.66	\$3,228.66	\$653.25	\$ 6,379.83
TOTAL DIRECT LABOR COSTS			\$1,586.07			\$911.66	\$3,228.66	\$653.25	\$ 6,379.83

SCHEDULE 2.11(c)
 DIRECT NON-SALARY COSTS
 TRAVEL and OFFICE

Item	Reimbursement		Est. No. Units Task 1	Est. No. Units Task 2	Est. No. Units Task 3	Est. No. Units Task 4	Est. No. Units Task 5	Est. No. Units Task 6	Est. No. Units Task 7	Est. No. Units Task 8	Est. No. Units Task 9	Est. No. Units Task 10	Est. No. Units Task 11	Est. No. Units Task 12	Est. No. Units Task 13	Total Units	Total Estimated Cost	
	Rate	Unit																
A. Sample Analysis (In-house)																		
B. Miscellaneous																		
1. Travel/hotel				30													30	\$2,490.00
1a. Tolls	\$83 day			6													6	\$90.00
1b. Per Diem - Monroe	\$130 day			30													30	\$1,410.00
1 b. Per Diem - Monroe	\$47 day			30													30	\$1,410.00
1c. Car/truck Rental	\$370 week			30													30	\$1,950.00
1c. Car/truck Rental	\$65 day			500													500	\$1,000.00
1d. Fuel for rental truck	\$2.00 gallon																	
1d. Fuel for rental truck	\$2.00 gallon																	
2. Personal Protective Equipment																		
2a. Level D - IT	\$12 day			30													30	\$360.00
2a. Level D - IT	LS																	
2b. Level C - IT	\$40 day																	
2c. Level B - IT (SCBA)	\$42 day																	
3. Office Expenses																		
3a. Photocopies	\$0.05 copy		5000	2500													7500	\$375.00
3b. Overnight Mail	\$10 pkg.		10	10													20	\$200.00
3c. Express Sample Shipment	\$150 pkg.			5													5	\$750.00
3d. CADD Time	\$7.50 hour		20	20													40	\$300.00
TASK TOTALS																\$500	\$8,425	\$8,925.00

ENGINEERING CONTRACT #: D003666
 PROJECT NAME: Luster-Coate Metallizing Corp. Site Characterization - R/IFS
 Work Assignment #: D003666-46

10/04/04

SCHEDULE 2.11(d)
 DIRECT NON-SALARY COSTS
 SUMMARY OF EQUIPMENT & SUPPLIES

TASK	2.11(d)1 Purchased Equipment	2.11(d)2 Consultant Equipment	2.11(d)3 Rented Equipment	2.11(d)4 Site Ded. Equipment	2.11(d)5 Consum. Supplies	TOTAL
TASK 1 - Work Plan Development					\$160	\$160
TASK 2 - Preliminary Site Assessment		\$2,300	\$1,575		\$2,215	\$6,090
TASK 3 -						
TASK 4 -						
TASK 5 -						
TASK 6 -						
TASK 7 -						
TASK 8 -						
TASK 9 -						
TASK 10 -						
TASK 11 -						
TASK 12 -						
TASK 13 -						
TOTALS		\$2,300	\$1,575		\$2,375	\$6,250

SCHEDULE 2.11(d)2
MAXIMUM REIMBURSEMENT RATE FOR
CONSULTANT/SUBCONSULTANT OWNED EQUIPMENT

ITEM	PURCHASE PRICE (\$) x 85%	USAGE RATE (\$/UNIT OF TIME)	CAPITAL RECOVERY RATE (\$/UNIT OF TIME)	O&M RATE (\$/UNIT OF TIME)	ESTIMATED USAGE	ESTIMATED USAGE
					(COL. 3 x 6)	COST (\$)
					Task 1-4 / Task 5	
PSA Field Work						
Low Value Equipment						
Photoionization Detector		\$275 wk			4	\$1,100
YSI Multi Meter		\$300 wk			2	\$600
Oil/Water Interface Probe		\$140 wk			2	\$280
LEL Meter		\$160 wk			2	\$320

ENGINEERING CONTRACT #: D003666
 PROJECT NAME: Luster-Coate Metallizing Co.,p. Site Characterization - RI/FS
 Work Assignment #: D003666-46

**SCHEDULE 2.11(d)3
 MAXIMUM REIMBURSEMENT RATE FOR
 VENDOR RENTED EQUIPMENT**

ITEM	MAXIMUM REIMBURSEMENT RATE	QUANTITY	COST
Task 2 14' Boat with small motor 6,000 watt generator Hilti Drill with 3/4" bit Core Drill with 4" bit Dredge-type sediment sampler Core-type sediment sampler Ladder	\$120 day \$300 week \$80 day \$175 day \$50 day \$50 day \$25 week	2 2 2 2 2 2 1	\$ 240.00 \$ 600.00 \$ 160.00 \$ 350.00 \$ 100.00 \$ 100.00 \$ 25.00
TOTAL			\$ 1,575.00

09/24/04

ENGINEERING CONTRACT #: D003666

PROJECT NAME: Luster-Coate Metallizing Corp. Site Characterization - RI/FS

Work Assignment #: D003666-46

**SCHEDULE 2.11(d)5
CONSUMABLE SUPPLIES**

ITEM	ESTIMATED QUANTITY	COST PER UNIT	COST
<u>Task 1</u>			
Computer supplies (ink cartridges)	4	\$40.00	\$160
<u>Task 2</u>			
Computer supplies (ink cartridges)	4	\$40.00	\$160
DI Water	12	\$1.25	\$15
Spill Kit	1	\$150.00	\$150
Ice	20	\$3.00	\$60
Check valve	2	\$15.00	\$30
Poly tubing	100	\$0.50	\$50
Bailers	10	\$25.00	\$250
Misc. Field Supplies	1	\$1,500.00	\$1,500
Total			\$2,375

**SCHEDULE 2.11(f)
UNIT PRICE SUBCONTRACTS**

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
CT Male	Surveyor	
	Task 2:	\$ 3,750
	Subcontractor Management Fee (5%)	\$ -
	TOTAL	\$ 3,750

Item	Maximum Reimbursement Rate (Specify Unit)		Estimated No. of Units	Total Estimated Costs
	Cost/Unit	Unit		
				\$ 3,750.00
Task 2				
Phase 1 - Prepare Site Plan Survey of Property and survey 26 sample locations	\$ 2,650.00	LS	1	\$ 2,650.00
Phase 2 - Add survey points of 4 monitoring Wells	\$ 1,100.00	LS	1	\$ 1,100.00

SCHEDULE 2.11(f)
 UNIT PRICE SUBCONTRACTS

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
Mitekem	Analytical Laboratory	Task 2: \$ 21,741.40
	Subcontractor Management Fee (5%)	\$ 1,087.07
	TOTAL	\$ 22,828.47

Item	Maximum Reimbursement Rate (Specify Unit)	Unit	Estimated No. of Units	Total Estimated Costs	
				\$	\$
Task 2					
<u>Air</u>					
TO-15	350.00		4	\$	1,400.00
<u>Soil</u>					
60107471	70.00		33	\$	2,310.00
8270	160.00		33	\$	5,280.00
8081	80.00		24	\$	1,920.00
8082	62.89		24	\$	1,509.36
8260	70.00		20	\$	1,400.00
TCLP VOC	112.78		1	\$	112.78
TCLP SVOC	222.78		1	\$	222.78
TCLP Metals	112.78		1	\$	112.78
TCLP Extraction			1	\$	-
TCLP ZHE			1	\$	-
TPH	67.89		1	\$	67.89
pH	4.89		1	\$	4.89
Flashpoint	24.00		1	\$	24.00
Reactive Cyanide/Sulfide	44.00		1	\$	44.00
TOC (9060)	49.89		11	\$	548.79
<u>Water</u>					
pH	4.89		1	\$	4.89
TPH	67.89		1	\$	67.89
Reactive Cyanide/Sulfide	44.00		1	\$	44.00
TAL Metals	70.00		15	\$	1,050.00
Flashpoint	24.00		1	\$	24.00
8081	80.00		15	\$	1,200.00
8082	62.89		15	\$	943.35
8260	70.00		15	\$	1,050.00
8270	160.00		15	\$	2,400.00

**SCHEDULE 2.11(f)
UNIT PRICE SUBCONTRACTS**

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
Nature's Way	Drilling Services	Task 2: \$ 10,705.00
	Subcontractor Management Fee (5%)	\$535
	TOTAL	\$11,240

Item	Maximum Reimbursement Rate (Specify Unit)		Estimated No. of Units	Total Estimated Costs
	Cost/Unit	Unit		
Task 2				\$ 10,705.00
Mobilization/Demobilization - Drill Rig	300	LS	1	\$ 300.00
Soil Gas Survey for approx 20 locations to 2.5 feet	\$900.00	Day	1	\$ 900.00
Subsurface earthprobing - 7 borings	\$900.00	day	2	\$ 1,800.00
3-1" piezometers to 20 feet	\$75.00	each	3	\$ 225.00
3 - protective casings	\$125.00	each	3	\$ 375.00
Drilling without sampling - 3 shallow wells	\$12.50	In_ft	60	\$ 750.00
Installation of 2"PVC Monitoring wells	\$17.00	In_ft	60	\$ 1,020.00
Drilling without sampling deep well	\$12.50	In_ft	30	\$ 375.00
Continuous Soil Sampling (deep well)	\$17.00	In_ft	50	\$ 850.00
Installation of deep 2" MW	\$17.00	In_ft	80	\$ 1,360.00
Stickup steel casings	\$150.00	each	3	\$ 450.00
Flushmount casing	\$125.00	each	1	\$ 125.00
Well Development	\$125.00	hr	4	\$ 500.00
55-Gallon Drums	\$40.00	each	14	\$ 560.00
Decon Pad	\$350.00	LS	1	\$ 350.00
Stream Cleaner Rental	\$75.00	day	3	\$ 225.00
Decon	\$90.00	hr	6	\$ 540.00

ENGINEERING CONTRACT #: D003666
 PROJECT NAME: Luster-Coate Metallizing Corp. Site Characterization - RI/FS
 Work Assignment #: D003666-46

09/24/04

**SCHEDULE 2.11(f)
 UNIT PRICE SUBCONTRACTS**

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
Franks Vacuum	IDW Disposal	
	Task 2:	\$ 1,742
	Subcontractor Management Fee (5%)	\$ -
	TOTAL	\$ 1,742

Item	Maximum Reimbursement Rate (Specify Unit)		Estimated No. of Units	Total Estimated Costs
	Cost/Unit	Unit		
<u>Task 2</u>				\$ 1,742.06
Non-Hazardous Drum Disposal	\$ 75.00	ea	15	\$ 1,125.00
Transporation	\$ 300.00	LS	1	\$ 300.00
Fuel	\$199.50	LS	1	\$ 199.50
Tax	\$117.56	LS	1	\$ 117.56

**SCHEDULE 2.11(f)
UNIT PRICE SUBCONTRACTS**

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
Environmental Data Services	Data Validation	
	Task 2:	\$2,686.00
	Subcontractor Management Fee (5%)	\$ -
	TOTAL	\$ 2,686.00

Item	Maximum Reimbursement Rate (Specify Unit)	Unit	Estimated No. of Units	Total Estimated Costs
Task 2				\$2,686.00
<u>Air</u>				
<u>IO-15</u>	12.00	ea	4	\$48.00
<u>Soil</u>				
<u>6010/7471</u>	15.00	ea	33	\$495.00
<u>8270</u>	15.00	ea	33	\$495.00
<u>8081</u>	15.00	ea	24	\$360.00
<u>8082</u>		ea	24	
<u>8260</u>	15.00	ea	20	\$300.00
<u>TOC</u>	8.00	ea	11	\$88.00
<u>Groundwater</u>				
<u>TAL Metals</u>				
<u>8081</u>	15.00	ea	15	\$225.00
<u>8082</u>	15.00	ea	15	\$225.00
<u>8260</u>	15.00	ea	15	\$225.00
<u>8270</u>	15.00	ea	15	\$225.00

ENGINEER CONTRACT #: D003666

PROJECT NAME: Luster-Coate Metallizing Corp. Site Characterization - RI/FS

Work Assignment #: D003666-46

09/24/04

SCHEDULE 2.11(g) Task 1 Work Plan Development
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

A	B	C	D	E	F	G	H
Costs Claimed This Period	Paid to Date	Total Disallowed To Date	Total Costs Incurred To Date (A+B+C)	Estimated Costs To Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/(Over) (G-F)
1 Direct Salary Costs						\$4,575.03	
2 Indirect Costs (163%)						\$7,457.30	
3 Subtotal Direct Salary Costs and Indirect Costs						\$12,032.33	
4 Travel/Office						\$500.00	
5 Other Non-Salary Costs						\$160.00	
6 Subtotal Direct Non-Salary Costs						\$660.00	
7 Subcontractors							
8 Total Work Assignment Cost						\$12,692.33	
9 Fixed Fee						\$770.07	
10 Sub Management Fee							
11 Total Work Assignment Price						\$13,462.40	

Project Manager (Engineer)

Date:

ENGINEERING CONTRACT #: D003666
PROJECT NAME: Luster-Coate Metallizing Corp. Site Characterization - RI/FS
Work Assignment #: D003666-46

SCHEDULE 2.11(g) Task 2 Remedial Investigation
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

A	B	C	D	E	F	G	H
Costs Claimed This Period	Paid to Date	Total Disallowed To Date	Total Costs Incurred To Date (A+B+C)	Estimated Costs To Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/(Over) (G-F)
1 Direct Salary Costs						\$17,260.00	
2 Indirect Costs (163%)						\$28,133.79	
3 Subtotal Direct Salary Costs and Indirect Costs						\$45,393.79	
4 Travel/Office						\$8,425.00	
5 Other Non-Salary Costs						\$6,090.00	
6 Subtotal Direct Non-Salary Costs						\$14,515.00	
7 Subcontractors						\$40,624.46	
8 Total Work Assignment Cost						\$100,533.25	
9 Fixed Fee						\$2,905.20	
10 Sub Management Fee						\$1,622.32	
11 Total Work Assignment Price						\$105,060.77	

Project Manager (Engineer) _____ Date: _____

ENGINEERING CONTRACT #: D003666
 PROJECT NAME: Luster-Coate Metallizing Corp. Site Characterization - RI/FS
 Work Assignment #: D003666-46

10/04/04

**SCHEDULE 2.11(g)
 MONTHLY COST CONTROL REPORT
 SUMMARY OF FISCAL INFORMATION - All Tasks**

A	B	C	D	E	F	G	H
Costs Claimed This Period	Paid to Date	Total Disallowed To Date	Total Costs Incurred To Date (A+B+C)	Estimated Costs To Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/(Over) (G-F)
1 Direct Salary Costs						\$21,835.02	
2 Indirect Costs (163%)						\$35,591.09	
3 Subtotal Direct Salary Costs and Indirect Costs						\$57,426.12	
4 Travel/Office						\$8,925.00	
5 Other Non-Salary Costs						\$6,250.00	
6 Subtotal Direct Non-Salary Costs						\$15,175.00	
7 Subcontractors						\$40,624.46	
8 Total Work Assignment Cost						\$113,225.58	
9 Fixed Fee						\$3,675.27	
10 Sub Management Fee						\$1,622.32	
11 Total Work Assignment Price						\$118,523.17	

Project Manager (Engineer) _____

Date: _____

**SCHEDULE 2.11(g) - Supplemental
 COST CONTROL REPORT FOR SUBCONTRACTS**

Subcontract Name	A Subcontract Costs Costs this Application Including Resubmittals	B Subcontract Costs Approved for Payment on Previous Application	C Total Subcontract Costs to Date (A + B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs to Date (C + F)
1 CT Male				\$3,750.00			
2 Mikem				\$21,741.40	\$1,087.07		
3 Nature's Way				\$10,705.00	\$535.25		
4 Franks Vacuum				\$1,742.06			
5 Environmental Data Services				\$2,686.00			
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
20							
TOTALS				\$40,624.46	\$1,622.32		

ENGINEER CONTRACT #: D003666

PROJECT NAME: Luster-Coate Metallizing Corp. Site Characterization - 1/1/FS

Work Assignment #: D003666-46

Date Prepared

Billing Period

Invoice No.

Printed:

09/24/04

MONTHLY COST CONTROL REPORT
SCHEDULE 2.11(h)
SUMMARY OF LABOR HOURS
NUMBER OF DIRECT LABOR HOURS EXPENDED TO DATE /
ESTIMATED NUMBER OF DIRECT LABOR HOURS TO COMPLETION

Labor Class	9		8		7		6		5		4		3		2		1		WP		TOTAL NO. OF DIRECT LABOR HOURS		
	Exp.	Est.	Exp.	Est.	Exp.	Est.	Exp.	Est.	Exp.	Est.	Exp.	Est.	Exp.	Est.	Exp.	Est.	Exp.	Est.	Exp.	Est.	Exp.	Est.	
1							40											10				180	
2							120											70				752	
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							
13																							
TOTAL							160						212		480			80				932	

SURVEYOR

BID ANALYSIS WORKSHEET

ITEM: Site Survey
 PROJECT NUMBER: 109220
 PROJECT NAME/STATE: Luster-Coate Metallizing, Churchville, NY

PREPARED BY: Shaw Environmental, Inc.
 DATE: 9/10/2004
 ORDER REQUIRED ON SITE BY:

BASIS OF AWARD: NO. 1

1. Lowest Total Cost
2. Sole Source or Property Items
3. Emergency Response
4. Only Technically Accepted Supplier
5. Lead Time
6. Limited Source Due To Geographical Area
7. Other

Recommended Vendor # 2

Project Admin.:

Procurement Rep.:

Phase I

Phase II

Phase I and Phase II Lump Sum

Notes:
 Assumption that drums will contain non-hazardous materials; Shaw will provide analysis to confirm

	1	2	3	4	5
Vendor	Stantec Consulting Group	C. T. Male Associates	Marques and Associates	Clough Harbour Associates	Foit-Albert
Vendor Rep.	Joe Paddock	David Uhriniec	Israel Marques	David Standing	Michael Pohl
Phone	585.475.1440 x217	315.458.6498	585.723.1820	585.262.2640	716.856.3933
Quote #					
Date	9/2/2004	8/30/2004	8/27/2004	9/7/2004	9/8/2004
Terms					
Deliv. Time					
Other					
Quantity					
	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
	Extended	Extended	Extended	Extended	Extended
Phase I	\$0.00	\$2,650.00	\$4,800.00	\$6,300.00	\$3,975.00
Phase II	\$0.00	\$1,100.00	\$540.00	\$1,400.00	\$1,050.00
Phase I and Phase II Lump Sum	\$4,395.00	\$4,395.00	\$5,340.00	\$7,700.00	\$5,025.00
Subtotal	\$4,395.00	\$3,750.00	\$5,340.00	\$7,700.00	\$5,025.00
Tax	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Fuel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$4,395.00	\$3,750.00	\$5,340.00	\$7,700.00	\$5,025.00

September 2, 2004

Ms. Cecelia Campbell
Shaw Environmental, Inc.
13 British American Boulevard
Latham, NY 12110-1405

Reference: Site 1 Luster-Coate Metallizing- 32 East Buffalo Street, Churchville, NY
Site 2 Stuart-Oliver-Holtz- 39 Commerce Drive, Henrietta, NY

Dear Cecelia:

Thank you for contacting Stantec Consulting Group, Inc., for land surveying services on the above-mentioned parcels. We are pleased to submit the following proposal.

Scope of Services :

We will perform land surveying services pursuant to your requirement as shown on your faxed letter dated September 1, 2004.

Assumptions:

In defining our scope of service and fee, we have made certain assumptions. Any revision to these assumptions would require a review of and possible changes to our scope of service and fee.

Site 1

1. Property line will be shown graphically per Tax map information only. This is not a boundary survey.
2. Single tree locations along outer limits of property will not be shown.

Site 2

1. Client to provide Cad map with existing points.
2. New monitoring well locations are to be referenced into existing cad map.

September 2, 2004
Page 2 of 2

Fee:

Our lump sum fee for the above scope for Site 1 work shall be \$_4395.00_____.

Our lump sum fee for the above scope for Site 2 work shall be \$_860
.00_____.

If you agree with this proposal, please sign and return a copy of this letter. Should you have any questions, please do not hesitate to call.

Sincerely,

STANTEC CONSULTING GROUP INC.



Joseph W. Paddock, L.S.
Survey Department
Tel: 585-475-1440
Fax: 585-272-1814

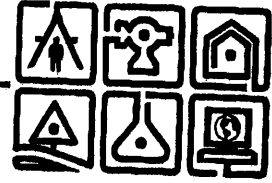
Accepted by,

Date: _____

JWP:bsw:P0003

C.T. MALE ASSOCIATES, P.C.

200 Gateway Park Drive, Bldg. C, P.O. Box 3246, North Syracuse, NY 13212-3246
315.458.6498 FAX 315.458.4427 ctmale@ctmale.com



August 30, 2004

Cecelia Campbell
Shaw Environmental & Infrastructure, Inc.
13 British American Blvd.
Latham, NY 12110-1405

Re: *NYSDEC - SOH, Churchville, NY
Base Mapping / Monitor Well Survey
Professional Surveying Services
Request for Proposal*

Dear Cecelia:

C.T. Male Associates, P.C. (C.T. Male) of Syracuse, New York is pleased to submit this proposal for providing surveying services at the NYSDEC-SOH in Churchville, NY.

The following scope of services is based on a request for proposal received August 24, 2004.

1. **SCOPE OF SERVICES**

Phase One

- 1.1 Prepare a site plan survey of the 4.05 ac. (per tax dept. records) property and survey approximately 26 sample locations. The vertical datum will be based on USGS datum and the coordinate system will be based on the New York State Plane Coordinate System. The base mapping will include the sample locations, buildings, parking areas and major planimetric features. Property lines will be plotted as approximate from the record deed description and limited field survey locations.

Phase Two

- 1.2 Add survey locations of approximately 4 monitor wells to the site plan base mapping prepared under Phase one above.

C.T. MALE ASSOCIATES, P.C.

08/30/04
Cecelia Campbell
Page - 2

2. SCHEDULE OF PERFORMANCE

- 2.1 Fieldwork will commence within five business days after receipt of authorization (i.e., articles specified in item 4).
- 2.2 Each task will be completed within ten business days after receiving notification to proceed for each phase.

3. FEE or FEES

3.1 The lump sum fee for the above described scope of services is:

Phase One: \$2,650.00*

3750

Phase Two: \$1,100.00*

* based on NYS Prevailing Wage Rates for the Field Survey Personnel.

3.2 Additional work shall be authorized through a change order.

4. CLIENT SHALL SUPPLY

4.1 If this proposal is acceptable, the client shall submit the following to C.T. Male prior to commencement of work:

4.1.1 Shaw Environmental & Infrastructure, Inc. purchase order. Purchase order must state scope of services, fees, terms of payment and stop work conditions.

C.T. MALE ASSOCIATES, P.C.

08/30/04

Cecelia Campbell

Page - 3

5. ASSUMPTIONS

5.1 Access to the site will be provided.

Thank you for contacting C.T. Male and we look forward to this opportunity of working with you.

Sincerely,

C.T. Male Associates, PC



David J. Uhrinec, PLS
Syracuse Office Survey Department Manager



Marques and Associates, P.C.

Land Surveying

43 Damsen Road
Rochester, New York 14612
Phone: (585) 723-1820
Fax: (585) 227-4175

RECEIVED
9/1/04

C.C.

August 27, 2004

Ms. Cecelia Campbell
The Shaw Group Inc.
13 British American Boulevard
Latham, NY 12110-1405

used pursuant to 60221

RE: Land Surveying Proposal for *Luster-Coate Metallizing - Churchville, New York*

Dear Ms. Campbell:

In order to provide you with an accurate quote for our services, we needed to obtain more information regarding the project site. We visited to site and made a few general observations that effect the scope of our services.

The above referenced site is located in the Village of Churchville, on the north side of NYS Route 33 and on the east side of Black Creek. The fully fenced in site appears to be abandoned and includes overgrown vegetation. The scope of work and costs for phases I and II are as follows:

Phase I

- ◆ Survey building locations and associated features within site (not a boundary survey)
- ◆ Locate fourteen(14) gas survey points
- ◆ Locate six(6) surface soil sampling points
- ◆ Locate three(3) soil borings
- ◆ Locate three(3) piezometers (top of casing, top of PVC, ground surface)

All above work will be tied to USC&GS Datum and NYS Coordinate System using second order accuracy of 0.1' +-

Field Survey information will be available in ASCII format.

Cost - Phase I

Field work = \$3,480.00

Office work (calculations, plotted map) = \$120.00

Total = \$3,600.00

To prepare electronic drawing in AutoCad, add \$1,200.00

To perform a complete topographic survey of site add \$1,800.00

Phase II

- ◆ Locate four(4) new monitoring wells and add to base map.

Cost - Phase II

Field work = \$480.00

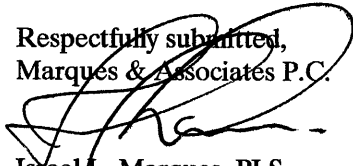
Office work = \$60.00

Total = \$540.00

Totals for Phases I and II: \$3,600.00 + \$540.00 = \$4,140.00 (w/o added items in Phase I)

We appreciate the opportunity to submit this proposal for professional services and look forward to do business with you.

Respectfully submitted,
Marques & Associates P.C.

A handwritten signature in black ink, appearing to read 'Israel L. Marques', is written over the text 'Respectfully submitted, Marques & Associates P.C.'.

Israel L. Marques, PLS
President

Ms. Cecelia Campbell

August 27, 2004

ACCEPTANCE

Land Surveying Services - Luster-Coate Metallizing - Churchville, NY

The above terms and conditions are understood and accepted.

By: Ms. Cecelia Campbell
The Shaw Group Inc.

Signature: _____

Date:

Print Name: _____

Title:

ILM/mlm
MA1.doc



**CLOUGH, HARBOUR
& ASSOCIATES LLP**
ENGINEERS, SURVEYORS, PLANNERS
& LANDSCAPE ARCHITECTS

RECEIVED
9-16-04

LS

"Celebrating 50 Years of Engineering Excellence"

POWERS BUILDING
16 MAIN STREET WEST • SUITE 830
ROCHESTER, NEW YORK 14614-1607
TEL: 585-262-2640 • FAX: 585-262-2642
www.cloughharbour.com

September 7, 2004

Ms. Cecelia Campbell
Project Manager
Shaw Environmental, Inc.
13 British American Boulevard
Latham, NY 12110-1405

**RE: Topographic Locations and Mapping for Environmental sites
Towns of Churchville and Henrietta, New York
CHA Proposal No. X 11792-P1**

Dear Ms. Campbell:

Clough, Harbour & Associates LLP (CHA) is pleased to respond to your Request for Proposal (RFP) for survey services relating to two environmental sites in Monroe County. The Rochester survey staff are 40-hour trained under OSHA regulations, and have all had the 8-hour refresher course 2004. CHA has extensive experience on environmental-type sites, and the field staff is quite familiar with methods of performing the equipment locations.

SCOPE OF SERVICES

I. Churchville Site

Phase I

- A. Perform research for existing Monroe County Geodetic Survey monuments in the vicinity of the project.
- B. Horizontal and Vertical control points shall be placed in locations with the intent that they be accessible throughout the construction phase. A minimum of two horizontal points and two vertical points (benchmarks) shall be set and identified on the completed mapping.
- C. Horizontal and Vertical datum shall be based on Monroe County Geodetic monumentation (NAD 1927 and NGVD 1929 respectively).
- D. By utilizing electronic total stations coupled with data collectors, CHA field crews will perform a field topographic survey on the project site. Locations shall include, but not be limited to locations of the following:
 - Buildings and visible surface improvements
 - Asphalt and concrete limits
 - Curbs, sidewalks and retaining walls
 - Trees, bushes and ornamental vegetation



Offices Throughout the United States

"Satisfying Our Clients With Dedicated People Committed to Total Quality."

- Creeks, streams and drainage ditches
 - Visible utility surface features (utility poles, catch basins, manholes, valves, etc.)
 - Locations and elevations of environmental monitoring locations or devices (14 soil gas, 6 surface soil, 3 borings and 3 piezometers).
- E. Street or property lines and owner information shown will be based on information available from the County Tax Agency only, no boundary tasks are included.
- F. Mapping will be compiled using AUTODESK® software at a scale to be determined by the client.
- G. Deliverables will be as follows:
- Up to 10 prints of the completed plan.
 - Digital CADD file of the mapping in ACAD® R-2000.
 - Copy of the AUTODESK® database (dtm, points, etc.)

Phase II

- A. Locate monitoring wells as installed (four total, elevations of ground, top casing, top PVC).
- B. Revise survey plan with new locations and resubmit deliverables as outlined in Phase I.

I. Henrietta Site

Phase I

- A. Locate eleven installed monitoring wells with elevations of ground, top casing, top PVC.
- B. Horizontal and Vertical control values assigned to these points will be relative to control as supplied by the client.
- C. Prepare CADD file and locations schedule per instructions in the RFP.

PROJECT SCHEDULE

CHA is prepared to begin work (field or otherwise) on this project within two weeks of approved Notice to Proceed, and anticipates completion within three weeks thereafter (weather permitting). CHA will make every effort to improve upon our anticipated schedule for completing the work, and will keep you informed.

SCHEDULE OF FEES

Churchville Site

Phase I (Lump Sum)	\$6,300.*
Phase II (Lump Sum)	\$1,400.*

Henrietta Site

Phase I (Lump Sum)	\$1,900.*
Phase II (Lump Sum)	\$1,400.*

* CHA assumes this project is subject to prevailing wage rate for survey fieldwork.

RESPONSIBILITY OF THE CLIENT

The client shall provide CHA with all CAD files available to perform the services, as well as existing site horizontal and vertical control.

The client shall assist CHA in obtaining all necessary permissions allowing CHA and its employees to enter upon the lands of others as necessary to complete this proposed project, and to save and hold harmless CHA, its agents, servants, and employees from any claim for damages for trespass on the subject premises and adjoining lands.

If additional work is requested beyond the approved scope of the project, such work shall not be undertaken without prior written approval of the client. Cost estimates for additional services shall be based on projected manpower needs and our current Hourly Charge-Out Rate Schedule.

If this proposal is acceptable, please contact our office and we will forward our standard agreement for your review and approval. Should you have any questions, feel free to contact David Standing at your earliest convenience.

CHA looks forward to working with you on this project.

Very truly yours,

**CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS
& LANDSCAPE ARCHITECTS**



Thomas J. Wolanski, P.E.
Partner



David L. Standing, L.S.
Associate, CAWNY Survey Section Manager

DLS/vmg

cc: B. Wells, PLS – CHA

J:\1501-srv\proposal\2004\shaw.doc

Folt-Albert Associates
Architecture, Engineering and
Surveying, P.C.

763 Main Street
Buffalo, New York 14203-1321

Tel 716-856-3933
Fax 716-856-3961

September 8, 2004

Shaw Environmental, Inc.
13 British American Boulevard
Latham, NY 12110-1405

Attn: Ms. Cecelia Campbell

Re: Proposal for
Survey & Mapping Services
Luster-Coate Metalizing and
Stuart-Olver-Holtz sites

Dear Ms. Campbell:

Thank you for the opportunity to provide the following proposal to provide Professional Surveying Services related to the above referenced sites. Following is our Scope of Services and Fee Schedule.

SCOPE OF SERVICES:

***Luster-Coate Metallizing
Churchville, NY***

Phase I - Planimetric Survey

Provide a planimetric survey and mapping of the site in accordance with the scope of work outlined in the Shaw Environmental, Inc. Request for Proposal dated September 7, 2004. The survey will include the building locations and associated features, along with the horizontal and vertical positions of 14 Soil Gas Survey points, 6 Surface Soil Sampling Points, 3 Soil Boring locations and 3 Piezometer locations.

LUMP SUM FEE \$3,975.00

Alternate Phase I - Topographic Survey

Provide a topographic survey and mapping of the above referenced site. The survey will include 1 foot contours, planimetric features, the above ground location of utilities, along with the horizontal and vertical positions of 14 Soil Gas Survey points, 6 Surface Soil Sampling Points, 3 Soil Boring locations and 3 piezometer locations.

LUMP SUM FEE \$5,550.00

Phase II - Locate Monitoring Wells

Locate and map four new monitoring wells in accordance with the scope of work outlined in the Shaw Environmental, Inc. Request for Proposal dated September 7, 2004.

LUMP SUM FEE \$1,050.00



**Stuart-Oliver-Holtz
Henrietta, NY**

Locate New Monitoring Wells

Locate and map eleven new monitoring wells in accordance with the scope of work outlined in the Shaw Environmental, Inc. Request for Proposal dated September 7, 2004. The location and elevations of the new monitoring wells will be referenced to existing monitoring wells. The existing site base mapping will be updated to show the new monitoring well information.

LUMP SUM FEE \$1,750.00

Thank you for considering Foit-Albert Associates for your Professional Surveying needs. Should you have any questions or comments, please do not hesitate to contact me at (716) 856-3933.

We look forward to working with you on this project.

Sincerely,

**FOIT-ALBERT ASSOCIATES
ARCHITECTURE, ENGINEERING AND SURVEYING, P.C.**



**Michael J. Pohl, P.L.S.
Survey Manager**

APPROVED AND ACCEPTED BY:

(SIGNATURE): _____ DATE: ____/____/____

(PRINTED): _____

(TITLE): _____

cc: Ms. Muffett Mauche George, Foit-Albert Associates

ANALYTICAL LABORATORY

BID ANALYSIS WORKSHEET

ITEM: Laboratories

BASIS OF AWARD: NO. 1

1. Lowest Total Cost
2. Sole Source or Property Items
3. Emergency Response
4. Only Technically Accepted Supplier
5. Lead Time

PROJECT NUMBER: 109220

PROJECT NAME/STATE: Shaw Environmental, Inc.

Luster-Coate Metallizing, Churchville, NY

ORDER REQUIRED ON SITE BY: _____

DATE: 9/10/2004

		1		2		3		4		\$	
Vendor	Severn Trent Laboratories, Inc.	Mitkem Corporation	Columbia Analytical Services Inc.	Accutest Laboratories	AMRO	Quantity	Unit Price	Extended	Unit Price	Extended	
Vendor Rep.	Candace Fox	Evan Philo	Walter Scheible	Vince Puglese	MaryAnn Steen						
Phone	716-691-2600	401-732-3400	805-526-7270	732-329-0200	603-424-2022						
Quote #	CNY04-313	MIT 595	9/10/2004	#SG9-04/9003	9/10/2004						
Date	9/10/2004	9/10/2004	9/10/2004	9/10/2004	9/10/2004						
Terms											
Deliv. Time											
Other											
Project Admin.:											
Procurement Rep.:											
Quantity	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended	
AIR											
TO-15	4	\$247.00	\$988.00	\$350.00	\$1,400.00	\$250.00	\$1,000.00	\$255.00	\$1,020.00	\$300.00	\$1,200.00
SOIL											
6010/7471	33	\$96.00	\$3,168.00	\$70.00	\$2,310.00	\$95.00	\$3,135.00	\$100.00	\$3,300.00	\$140.00	\$4,620.00
8270	33	\$164.00	\$5,412.00	\$160.00	\$5,280.00	\$160.00	\$5,280.00	\$160.00	\$5,280.00	\$220.00	\$7,260.00
8081	24	\$109.00	\$2,616.00	\$80.00	\$1,920.00	\$175.00	\$4,200.00	\$125.00	\$3,000.00	\$210.00	\$5,040.00
8082	24	NA	\$0.00	\$62.89	\$1,509.36	NA	\$0.00	\$0.00	\$0.00	NA	\$0.00
8260	20	\$88.00	\$1,760.00	\$70.00	\$1,400.00	\$75.00	\$1,500.00	\$80.00	\$1,600.00	\$140.00	\$2,800.00
TCCLP VOC	1	\$88.00	\$88.00	\$112.78	\$112.78	\$225.00	\$225.00	\$110.00	\$110.00	\$275.00	\$275.00
TCCLP SVOC	1	\$188.00	\$188.00	\$222.78	\$222.78	\$75.00	\$75.00	\$80.00	\$80.00	\$200.00	\$200.00
TCCLP Metals	1	\$72.00	\$72.00	\$112.78	\$112.78	\$75.00	\$75.00	\$80.00	\$80.00	\$200.00	\$200.00
TCCLP Extraction	1	\$30.00	\$30.00	NA	\$0.00	NA	\$0.00	NA	\$0.00	NA	\$0.00
TCCLP ZHE	1	\$30.00	\$30.00	NA	\$0.00	NA	\$0.00	NA	\$0.00	NA	\$0.00
TPH	1	\$68.00	\$68.00	\$67.89	\$67.89	\$75.00	\$75.00	\$45.00	\$45.00	\$100.00	\$100.00
pH	1	\$84.00	\$84.00	\$4.89	\$4.89	\$95.00	\$95.00	\$80.00	\$80.00	\$25.00	\$25.00
Flashpoint	1	NA	\$0.00	\$24.00	\$24.00	NA	\$0.00	NA	\$0.00	\$30.00	\$30.00
Reactive Cyanide/Sulfide	1	NA	\$0.00	\$44.00	\$44.00	NA	\$0.00	NA	\$0.00	\$60.00	\$60.00
TOC (9060)	11	\$24.00	\$264.00	\$49.89	\$548.79	\$45.00	\$495.00	\$35.00	\$385.00	\$90.00	\$990.00
WATER											
pH	1	\$84.00	\$84.00	\$4.89	\$4.89	\$95.00	\$95.00	\$80.00	\$80.00	\$25.00	\$25.00
TPH	1	\$68.00	\$68.00	\$67.89	\$67.89	\$75.00	\$75.00	\$45.00	\$45.00	\$100.00	\$100.00
Reactive Cyanide/Sulfide	1	NA	\$0.00	\$44.00	\$44.00	NA	\$0.00	NA	\$0.00	\$60.00	\$60.00
TAL Metals	15	\$96.00	\$1,440.00	\$70.00	\$1,050.00	\$95.00	\$1,425.00	\$100.00	\$1,500.00	\$140.00	\$2,100.00
Flashpoint	1	NA	\$0.00	\$24.00	\$24.00	NA	\$0.00	NA	\$0.00	\$30.00	\$30.00
8081	15	\$109.00	\$1,635.00	\$80.00	\$1,200.00	\$175.00	\$2,625.00	\$125.00	\$1,875.00	\$210.00	\$3,150.00
8082	15	NA	\$0.00	\$62.89	\$943.35	NA	\$0.00	NA	\$0.00	NA	\$0.00
8260	15	\$88.00	\$1,320.00	\$70.00	\$1,050.00	\$75.00	\$1,125.00	\$80.00	\$1,200.00	\$140.00	\$2,100.00
8270	15	\$164.00	\$2,460.00	\$160.00	\$2,400.00	\$160.00	\$2,400.00	\$160.00	\$2,400.00	\$220.00	\$3,300.00
Notes:											
Subtotal			\$21,775.00		\$21,741.40		\$23,950.00		\$22,180.00		\$33,665.00
Tax			\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Fuel			\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Total			\$21,775.00		\$21,741.40		\$23,950.00		\$22,180.00		\$33,665.00

TO-15 analysis includes cost for suma canister and flow controller



Via E-mail: cecelia.campbell@shawgrp.com

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

September 10, 2004

Shaw Group
13 British American Blvd
Latham, NY 12110

Attention: Cecelia C. Campbell

RE: **Analytical Testing Services**
Severn Trent Laboratories, Inc. Quotation No.: CNY04-313

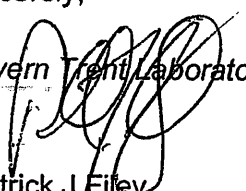
Dear Ms. Campbell:

As per your request, we are pleased to present this quotation for analytical testing services.

If you have any questions or require additional information, please do not hesitate to call me toll free at 877-785-2356.

Thank you for this quotation opportunity and for your interest in Severn Trent Laboratories.

Sincerely,


Severn Trent Laboratories (STL)

Patrick J Filey
Account Executive

Att.

**STL****STL Buffalo**

("Contractor")

SALES QUOTATION

AND

AGREEMENT FOR ANALYTICAL SERVICESCUSTOMER: Shaw GroupPROJECT: Luster-CoateQUOTATION NO.: NY04-313DATE: 09/10/04

Description	Analytical Method	GW Samples	MS	MSD	Blind Duplicate	Equipment Blank	Total Samples	Cost per Sample	Total
CL VOA	8260	10	1	1	1	1	14	\$ 88.00	\$ 1,232.00
AL Metals	6010/7471	10	1	1	1	1	14	\$ 96.00	\$ 1,344.00
CL SVOC	8270	10	1	1	1	1	14	\$ 164.00	\$ 2,296.00
CL Pest/PCB	8081/8082	10	1	1	1	1	14	\$ 109.00	\$ 1,526.00
	DO Taken in field								
	Redox Taken in field								
Total									\$ 6,398.00

IDW SAMPLES

Description	Analytical Method	Composite Soil	MS	MSD	Blind Duplicate	Equipment Blank	Total Samples	Cost per Sample	Total
TCLP VOC	8260	1	0	0	0	0	1	\$ 88.00	\$ 88.00
TCLP SVOC	8270	1	0	0	0	0	1	\$ 188.00	\$ 188.00
TCLP Metals	6000/7000	1	0	0	0	0	1	\$ 72.00	\$ 72.00
TCLP Extraction	1311	1	0	0	0	0	1	\$ 30.00	\$ 30.00
TCLP ZHE	1311	1	0	0	0	0	1	\$ 30.00	\$ 30.00
TPH (GRO/DRO)	8015	1	0	0	0	0	1	\$ 68.00	\$ 68.00
PCB	8082	1	0	0	0	0	1	\$ 60.00	\$ 60.00
H, Fishpoint, Reactive Cyanide and Sulfide	9040,1010,Se ct. 7.3, 9012,376	1	0	0	0	0	1	\$ 84.00	\$ 84.00
Total									\$ 620.00

Description	Analytical Method	Water Samples	MS	MSD	Blind Duplicate	Equipment Blank	Total Samples	Cost per Sample	Total
TCLP VOC	8260	1	0	0	0	0	1	\$ 88.00	\$ 88.00
TCLP SVOC	8270	1	0	0	0	0	1	\$ 188.00	\$ 188.00
TCLP Metals	6000/7000	1	0	0	0	0	1	\$ 72.00	\$ 72.00
TCLP Extraction	1311	1	0	0	0	0	1	\$ 30.00	\$ 30.00
TCLP ZHE	1311	1	0	0	0	0	1	\$ 30.00	\$ 30.00
TPH	8015	1	0	0	0	0	1	\$ 68.00	\$ 68.00
8082	8082	1	0	0	0	0	1	\$ 60.00	\$ 60.00
H, Fishpoint, Reactive Cyanide and Sulfide	9040,1010,Se ct. 7.3, 9012,376	1	0	0	0	0	1	\$ 84.00	\$ 84.00
Total									\$ 620.00

Grand Total: \$ 21,737.00



STL

STL Buffalo

("Contractor")
SALES QUOTATION
AND

AGREEMENT FOR ANALYTICAL SERVICES

CUSTOMER: Shaw Group

PROJECT: Luster-Coate

QUOTATION NO.: NY04-313

DATE: 09/10/04

SOIL/GAS

Description	Analytical Method	Surface Soil Samples	MS	MSD	Blind Duplicate	Equipment Blank	Total Samples	Cost per Sample	Total
Volatiles	TO-15	3	conducted		1	0	4	\$ 188.00	\$ 752.00
Urnma Rental	na	3			1	0	4	\$ 39.00	\$ 156.00
Flow Control	na	3			1	0	4	\$ 20.00	\$ 80.00
								Total	\$ 988.00

SURFACE SOIL

Description	Analytical Method	Surface Soil Samples	MS	MSD	Blind Duplicate	Equipment Blank	Total Samples	Cost per Sample	Total
AL Metals	6010/7471	9	1	1	1	1	13	\$ 96.00	\$ 1,248.00
SVOC	8270	9	1	1	1	1	13	\$ 164.00	\$ 2,132.00
Pest/PCB	8081/8082	3	1	1	1	1	7	\$ 109.00	\$ 763.00
								Total	\$ 4,143.00

SEDIMENT

Description	Analytical Method	Surface Soil Samples	MS	MSD	Blind Duplicate	Equipment Blank	Total Samples	Cost per Sample	Total
CL VOA	8260	5	1	1	1	1	9	\$ 88.00	\$ 792.00
AL Metals	6010/7471	5	1	1	1	1	9	\$ 96.00	\$ 864.00
CL SVOC	8270	5	1	1	1	1	9	\$ 164.00	\$ 1,476.00
CL Pest/PCB	8081/8082	5	1	1	1	1	9	\$ 109.00	\$ 981.00
								Total	\$ 4,113.00

SUBSURFACE SOIL

Description	Analytical Method	Soil Samples	MS	MSD	Blind Duplicate	Equipment Blank	Total Samples	Cost per Sample	Total
CL VOA	8260	7	1	1	1	1	11	\$ 88.00	\$ 968.00
AL Metals	6010/7471	7	1	1	1	1	11	\$ 96.00	\$ 1,056.00
CL SVOC	8270	7	1	1	1	1	11	\$ 164.00	\$ 1,804.00
CL Pest/PCB	8081/8082	3	1	1	1	1	7	\$ 109.00	\$ 763.00
OC	9060	7	1	1	1	1	11	\$ 24.00	\$ 264.00
								Total	\$ 4,855.00



This quotation is based solely on STL Buffalo's standard reporting and detection limits. If project specific reporting are required, please contact your account executive or program manager, Candance Fox.

STL is certified by NYSDOH (Certification # 10026).

The prices offered in this quotation are applicable to analytical work performed at STL Buffalo.

Note: Given the proximity of the project to the STL Buffalo facility, STL Buffalo can provide a courier for bottle drop off and sample pick up. Please coordinate this request with your Project Manager.

Unit rates include precleaned bottles / vials, coolers, preservatives and chain of custody documents delivered to our office via STL *courier* (1-3 business days). To avoid surcharges for *priority shipping*, please notify the laboratory 7 calendar days prior to your sampling event for timely receipt of your bottle order.

Pricing is as per our Master Service Agreement between Severn Trent Laboratories and Shaw.

Mitkem Corporation

14-Sep-04

175 Metro Center Blvd
Warwick, RI 02886-1755

TEL: (401) 732-3400
FAX: (401) 732-3499

**QUOTATION for
ANALYTICAL SERVICES**

Company: Shaw Environmental & Infrastructure, Inc.
Contact: Karie Henning
Address: 13 British American Blvd.
Latham, NY 12110
Phone: (518) 783-1996 Fax: (518) 783-8397

Submitted By:
Evan K Philo

Quote ID: MIT 595
Project: Luster-Coate Preliminary Site Assessment
TAT: 15 working days
QC Level: ASP-B

Expires: 14-Nov-04

TEST ID	Matrix	Test Name		# Samp	Unit Price	Test Total
SM4500_H+	Aqueous	pH VALUE		1	\$4.89	\$4.89
TPH_W	Aqueous	Total Petroleum Hydrocarbons (TPH) b		1	\$67.89	\$67.89
TPH_S	Soil	Total Petroleum Hydrocarbons (TPH) b		1	\$67.89	\$67.89
REACTIVITY_W	Aqueous	Reactive Cyanide and Sulfide	REACTIVITY	1	\$44.00	\$44.00
REACTIVITY_S	Soil	Reactive Cyanide and Sulfide	REACTIVITY	1	\$44.00	\$44.00
TALMETALS_S	Soil	TAL Metals Soils	TAL	33	\$70.00	\$2,310.00
TALMETALS_W	Aqueous	TAL Metals Water	TAL	14	\$70.00	\$980.00
TCLP_METALS	Soil	TCLP ICP and Hg Analyses	TCLP	2	\$112.78	\$225.56
TCLP_SVOA	Soil	TCLP Semivolatile Analysis	TCLP	2	\$222.78	\$445.56
TCLP_VOA	Soil	TCLP Volatile Analysis	TCLP	2	\$112.78	\$225.56
SW1010_W	Aqueous	FLASHPOINT by Pensky-Martens Clos		1	\$24.00	\$24.00
SW1010_S	Soil	FLASHPOINT by Pensky-Martens Clos		1	\$24.00	\$24.00
SW8081A_W	Aqueous	Organochlorine Pesticides by GC-ECD		15	\$80.00	\$1,200.00
SW8081A_S	Soil	Organochlorine Pesticides by GC-ECD		24	\$80.00	\$1,920.00
SW8082_W	Aqueous	PCB by GC-ECD		15	\$62.89	\$943.35
SW8082_S	Soil	PCB by GC-ECD		24	\$62.89	\$1,509.36
SW8260B_W	Aqueous	VOC by GC-MS		14	\$70.00	\$980.00
SW8260B_LOW_S	Soil	VOC by GC-MS		20	\$70.00	\$1,400.00
SW8270C_W	Aqueous	SVOA by GC-MS		14	\$160.00	\$2,240.00
SW8270C_S	Soil	SVOA by GC-MS		33	\$160.00	\$5,280.00
SW9045C_S	Soil	Soil and Waste pH		1	\$4.89	\$4.89
SW9060_TOC_W	Aqueous	TOTAL ORGANIC CARBON by Combu		11	\$49.89	\$548.79
TO15	Air	TO-15 VOA by GC-MS		4	\$350.00	\$1,400.00

Misc Comments

Sub total: \$21,889.74
Misc: \$0.00
Discount: 0.00%
Surcharge: 0.00%
TOTAL: \$21,889.74

Comments: TPH pricing is based on extractable TPH by SW8015.

Table 1
Anticipated Samples
 Luster-Coate Metallizing Corporation Preliminary Site Assessment
 Churchville, New York

IDW SAMPLES		
Analytical Method	Composite Soil	Total Samples
TCLP VOC	1	1
TCLP SVOC	1	1
TCLP Metals	1	1
TPH	1	1
8082	1	1
pH, Fishpoint, Reactive Cyanide and Sulfide	1	1

Analytical Method	Water Samples	Total Samples
TCLP VOC	1	1
TCLP SVOC	1	1
TCLP Metals	1	1
TPH	1	1
8082	1	1
pH, Fishpoint, Reactive Cyanide and Sulfide	1	1

Total Numbers	
Analytical Method	Total Samples
TO 15	4
8260	34
6010/7471	47
8270	47
8081/8082	39
9060	11
TCLP VOC	2
TCLP SVOC	2
TCLP Metals	2
TPH	2
pH, Fishpoint, Reactive Cyanide and Sulfide	2

Unit Rate, \$ Total, \$ Method/test

250	1000 w/ can rent	Quote includes ASP B deliverables, pick up services, and std TAT
75	2550	
95	4465 TAL metals	Quote by: Walt Scheible wscheible@rochester.caslab.com Columbia Analytical Services 1 Mustard St Rochester, NY 14609 8015 585-288-5380 Fax 8475
160	7520	
175	6825	
45	495	
125	250	
225	450	
75	150	
75	150	
95	190	
24,045		

Anticipated Samples

Luster-Coate Metallizing Corporation Preliminary Site Assessment
Churchville, New York

IDW SAMPLES				
Analytical Method	Composite Soil	Total Samples	Unit Price	Total Price
TCLP VOC	1	1	\$110.00	\$110.00
TCLP SVOC	1	1	\$180.00	\$180.00
TCLP Metals	1	1	\$80.00	\$80.00
TPH	1	1	\$45.00	\$45.00
8082	1	1	\$60.00	\$60.00
pH, Fishpoint, Reactive Cyanide and Sulfide	1	1	\$80.00	\$80.00

Analytical Method	Water Samples	Total Samples	Unit Price	Total Price
TCLP VOC	1	1	\$110.00	\$110.00
TCLP SVOC	1	1	\$180.00	\$180.00
TCLP Metals	1	1	\$80.00	\$80.00
TPH	1	1	\$45.00	\$45.00
8082	1	1	\$60.00	\$60.00
pH, Fishpoint, Reactive Cyanide and Sulfide	1	1	\$80.00	\$80.00

Total Numbers			
Analytical Method	Total Samples	Unit Price	Total Price
TO 15	4	\$230.00	\$920.00
8260	34	\$80.00	\$2,720.00
6010/7471	47	\$100.00	\$4,700.00
8270	47	\$160.00	\$7,520.00
8081/8082	39	\$125.00	\$4,875.00
9060	11	\$35.00	\$385.00
TCLP VOC	2	\$110.00	\$220.00
TCLP SVOC	2	\$180.00	\$360.00
TCLP Metals	2	\$80.00	\$160.00
TPH	2	\$45.00	\$90.00
pH, Fishpoint, Reactive Cyanide and Sulfide	2	\$80.00	\$160.00

Project Total: \$22,110.00

Accutest Laboratories Quote #SG9-04/9003

TCL for VOC's, SVOC's, Pesticides, PCB's and TAL for Metals

2 Week turnaround for data, NYSDEC ASP Category B Deliverable

Perretta, Anthony

From: Steve Grant [SteveG@accutest.com]
Sent: Friday, September 10, 2004 4:40 PM
To: Perretta, Anthony
Subject: RE:
Attachments: Shaw-Luster Coate.xls

Tony: Thanks for the additional information. I added prices to the spreadsheet that you provided and listed a project total based on your estimated numbers. A couple of notes:

- 1) The cost for TO-15 includes \$180 for the analysis and \$50 for a Summa Canister. I assume these are probably grab samples, but should you need a calibrated flow controller it would be an additional \$25.
- 2) All analyses assume a TCL/TAL list (except for the TCLP).
- 3) The costs include an ASP Category B Deliverable (both hardcopy and CD), any standard format EDD that you may want (Excel, EQUIS, GISKEY, etc.) and the use of our on-line data system, LabLink.

Please let me know if you have any questions or if you need any additional information. Thanks very much.

Stephen Grant
Accutest Laboratories
2235 Route 130
Dayton, NJ 08810
(732) 329-0200, ext. 252
steveg@accutest.com

From: Perretta, Anthony [mailto:Anthony.Perretta@shawgrp.com]
Sent: Friday, September 10, 2004 2:11 PM
To: Steve Grant
Subject:

The lists for all analytes are the standard TCL list.

Anthony Perretta
Shaw Environmental & Infrastructure
13 British American Blvd.
Latham, NY 12110

P 518-783-6088 ext 229
F 518-783-8397

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The Shaw Group Inc.
<http://www.shawgrp.com>

AMRO Environmental Laboratories Corporation



111 Herrick Street, Merrimack, NH 03054
TEL: (603) 424-2022 · FAX: (603) 429-8496

FAX TRANSMITTAL FORM

DATE: 9-13-2004

TO: Anthony Perretta

FROM: Nicole Borduz

FAX #: 518-783-8397

Number of Pages including cover sheet: 2

Comments: Tony, Please let me know how are the prices -

CONFIDENTIALITY NOTICE

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AMRO Environmental Laboratories Corporation
(603) 424-2022

111 Herrick Street
Merrimack, NH 03054
(603) 429-8496 Fax

PRICE QUOTATION FOR ANALYTICAL SERVICES

Prepared for: Anthony Perretta Date: 9-10-2004
 Company: Shaw City/State: Latham, NY
 Phone: 518-783-6088 Fax: 518-783-8397
 Quote No.: N040910A Project Name: Luster Coate Mat. Corp.

Parameter/Method	Matrix	Price/Sample	Number of Samples	Total
8260	S/A	140.00	34	4760.00
6010/7471 (8 Metals)		140.00	47	6580.00
8270		220.00	47	10340.00
8081/8082		210.00	39	8190.00
9060 *		90.00	11	990.00
TCLP VOC		200.00	2	400.00
TCLP Metals		200.00	2	400.00
TPH		100.00	2	200.00
pH		25.00	2	50.00
Flash Point		30.00	2	60.00
Reactive CN/S	✓	60.00	2	120.00
TO-15 *	S/GAS	300.00	4	1200.00
TCLP SVOC	S/A	275.00	2	550.00
8082	S/A	90.00	2	180.00

AMRO REPORTING LIMITS REQUIREMENTS:

AMRO REPORTING PACKAGE:

AMRO EDD REQUIREMENTS:

AMRO TURNAROUND TIME FOR ONLINE RESULTS:

AMRO TURNAROUND TIME FOR HARDCOPY REPORT:

PROJECTED START DATE:

MASSACHUSETTS MCP DATA ENHANCEMENT NEEDED:

SUB TOTAL

SW-846 Methods 8010/8020, EPA Method 601/602 and EPH/VPH Analyzed By GC/MS.

GASOLINE RANGE ORGANICS (SW-846 8015 Mod) are run by GC/MS

Notes: * Subcontracted to STL

1. Samples arriving after 12:00 noon will be tracked and billed as arrived on the following day.
2. We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, sample containers, sampling procedures, holding times.
3. AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.
4. Samples received on a Friday with a 48 hour hold time or less, AMRO reserves the right to charge an extra \$100 per chain of custody for overtime costs.
5. Field QC samples other than trip blanks will be charged at a per sample basis.

ADDED SERVICES: AMRO will provide all sample kits (containers, coolers, cold packs, chains of custody and sample preservatives) at no additional cost. AMRO provides free courier services within 100 miles of the lab.

AMRO Environmental Laboratories Corporation is a certified Women Business Enterprise (WBE) and (DBE).

Payment terms are net 30 days from receipt of the invoice.

Quoted By:

Nicole [Signature]

QUOTE ACCEPTED BY:

AMRO Defaults

CLP like package

Excel

10 working days

will follow

October 2004

AMRO Environmental Laboratories Corporation
(603) 424-2022

111 Herrick Street
Merrimack, NH 03054
(603) 429-8496 Fax

PRICE QUOTATION FOR ANALYTICAL SERVICES

Prepared for: <u>Anthony Perretta</u>	Date: <u>9-10-2004</u>
Company: <u>Shaw</u>	City/State: <u>Latham, NY</u>
Phone: <u>518-783-6088</u>	Fax: <u>518-783-8397</u>
Quote No.: <u>N040910A</u>	Project Name: <u>Luster Coate Mat. Corp</u>

Parameter/Method	Matrix	Price/Sample	Number of Samples	Total
8260	S/A	140.00	34	4760.00
6010/7471 (8 Metals)		140.00	47	6580.00
8270		220.00	47	10340.00
8081/8082		210.00	39	8190.00
9060 *		90.00	11	990.00
TCLP VOC		200.00	2	400.00
TCLP Metals		200.00	2	400.00
TPH		100.00	2	200.00
pH		25.00	2	50.00
Flash Point		30.00	2	60.00
Reactive CN/S	✓	60.00	2	120.00
TO-15 *	S/GAS	300.00	4	1200.00
TCLP SVOC	S/A	275.00	2	550.00
8082	S/A	90.00	2	180.00

AMRO REPORTING LIMITS REQUIREMENTS:
 AMRO REPORTING PACKAGE:
 AMRO EDD REQUIREMENTS:
 AMRO TURNAROUND TIME FOR ONLINE RESULTS:
 AMRO TURNAROUND TIME FOR HARDCOPY REPORT:
 PROJECTED START DATE:
 MASSACHUSETTS MCP DATA ENHANCEMENT NEEDED:
 SUB TOTAL

AMRO Defaults
CLP like package
Excel
10 workup days
will follow
October 2004

SW-846 Methods 8010/8020, EPA Method 601/602 and EPH/VPH Analyzed By GC/MS.
 GASOLINE RANGE ORGANICS (SW-846 8015Mod) are run by GC/MS

Notes: * Subcontracted to STL

1. Samples arriving after 12:00 noon will be tracked and billed as arrived on the following day.
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5. Field QC samples other than trip blanks will be charged at a per sample basis.

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 AMRO Environmental Laboratories Corporation is a certified Women Business Enterprise (WBE) and (DBE).

Payment terms are net 30 days from receipt of the invoice.

Quoted By: Nick / [Signature]

QUOTE ACCEPTED BY: _____

DRILLING SERVICES

BID ANALYS WORKSHEET

ITEM: Drilling and Geoprobe

PROJECT NUMBER: 109220

PROJECT NAME/STATE: Luster-Coate Metallizing, Churchville, NY

PREPARED BY: Shaw Environmental, Inc.

ORDER REQUIRED ON SITE BY: _____

DATE: 9/22/2004

- BASIS OF AWARD:** NO. 1
1. Lowest Total Cost
 2. Sole Source or Property Items
 3. Emergency Response
 4. Only Technically Accepted Supplier
 5. Lead Time
 6. Limited Source Due To Geographical Area
 7. Other

Recommended Vendor #	4			
Project Admin.:				
Procurement Rep.:				

Vendor	Quantity	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended
Vendor Rep. Notnagle Drilling, Inc.	2	\$200.00	\$400.00				
Stephen DiLaura	3	\$880.00	\$2,640.00				
585-538-2328	4	\$1,250.00	\$5,000.00				
Joseph Miranda	60	\$2.00	\$120.00				
518-274-3949	25	\$18.00	\$450.00				
ALB 04-288	20	\$12.00	\$240.00				
8/25/2001	2	\$15.00	\$30.00				
8/25/2004	20	\$16.00	\$320.00				
	35	\$5.00	\$175.00				
	40	\$2.50	\$100.00				
	4	\$5.00	\$20.00				
	2	\$20.00	\$40.00				
	40	\$7.00	\$280.00				
	100	\$3.50	\$350.00				
	7	\$7.00	\$49.00				
	1	\$25.00	\$25.00				
	3	\$95.00	\$285.00				
	4	\$95.00	\$380.00				
	1	\$100.00	\$100.00				
	7	\$50.00	\$350.00				
	1	\$100.00	\$100.00				
	16	\$30.00	\$480.00				
	1	\$0.00	\$0.00	\$300.00	\$300.00	\$0.00	\$0.00
	1	\$0.00	\$0.00	\$750.00	\$750.00	\$0.00	\$0.00
	3	\$0.00	\$0.00	\$1,250.00	\$3,750.00	\$0.00	\$0.00
	36	\$0.00	\$0.00	\$15.00	\$540.00	\$0.00	\$0.00
	52	\$0.00	\$0.00	\$6.00	\$312.00	\$0.00	\$0.00
	60	\$0.00	\$0.00	\$6.00	\$360.00	\$0.00	\$0.00
	3	\$0.00	\$0.00	\$135.00	\$405.00	\$0.00	\$0.00
	4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

BID ANALYSIS WORKSHEET

ITEM: Drilling and Geoprobe

PROJECT NUMBER: 109220

PROJECT NAME/STATE: Luster-Coate Metallizing, Churchville, NY

PREPARED BY: Shaw Environmental, Inc.

DATE: 9/22/2004

ORDER REQUIRED ON SITE BY:

- BASIS OF AWARD:** NO. 1
1. Lowest Total Cost
 2. Sole Source or Property Items
 3. Emergency Response
 4. Only Technically Accepted Supplier
 5. Lead Time
 6. Limited Source Due To Geographical Area
 7. Other

Recommended Vendor # 4

Project Admnin.:

Procurement Rep.:

Quantity	Unit Price	Extended	2		3		4	
			Unit Price	Extended	Unit Price	Extended	Unit Price	Extended
3	\$0.00	\$5,100.00						
140	\$12.00	\$1,680.00						
4	\$165.00	\$660.00						
10	\$50.00	\$500.00						
1	\$375.00	\$375.00						
1	\$0.00	\$0.00						
3	\$0.00	\$0.00						
1	\$0.00	\$0.00						
60	\$0.00	\$0.00						
2	\$125.00	\$250.00						
1	\$0.00	\$0.00						
1	\$0.00	\$0.00						
1	\$0.00	\$0.00						
7	\$0.00	\$0.00						
6	\$0.00	\$0.00						
90	\$10.00	\$900.00						
20	\$20.00	\$400.00						
30	\$30.00	\$900.00						
140	\$18.00	\$2,520.00						
6	\$165.00	\$990.00						
1	\$0.00	\$0.00						
3	\$200.00	\$600.00						
8	\$75.00	\$600.00						
1	\$0.00	\$0.00						
2	\$0.00	\$0.00						

BID ANALYSIS WORKSHEET

ITEM: Drilling and Geoprobe

PROJECT NUMBER: 109220

PROJECT NAME/STATE: Luster-Coate Metallizing, Churchville, NY

PREPARED BY: Shaw Environmental, Inc.

DATE: 9/22/2004

ORDER REQUIRED ON SITE BY:

- BASIS OF AWARD:** NO. 1
1. Lowest Total Cost
 2. Sole Source or Property Items
 3. Emergency Response
 4. Only Technically Accepted Supplier
 5. Lead Time
 6. Limited Source Due To Geographical Area
 7. Other

Recommended Vendor # 4

Project Admin.:

Procurement Rep.:

Quantity	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended
3	\$0.00	\$0.00	\$0.00	\$0.00	\$75.00	\$225.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$125.00	\$375.00	\$0.00	\$0.00
1	\$0.00	\$0.00	\$0.00	\$0.00	\$300.00	\$300.00	\$0.00	\$0.00
60	\$0.00	\$0.00	\$0.00	\$0.00	\$12.50	\$750.00	\$0.00	\$0.00
60	\$0.00	\$0.00	\$0.00	\$0.00	\$17.00	\$1,020.00	\$0.00	\$0.00
30	\$0.00	\$0.00	\$0.00	\$0.00	\$12.50	\$375.00	\$0.00	\$0.00
50	\$0.00	\$0.00	\$0.00	\$0.00	\$17.00	\$850.00	\$0.00	\$0.00
80	\$0.00	\$0.00	\$0.00	\$0.00	\$17.00	\$1,360.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$150.00	\$450.00	\$0.00	\$0.00
1	\$0.00	\$0.00	\$0.00	\$0.00	\$125.00	\$125.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$125.00	\$500.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$40.00	\$560.00	\$0.00	\$0.00
1	\$0.00	\$0.00	\$0.00	\$0.00	\$350.00	\$350.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$75.00	\$225.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$90.00	\$540.00	\$0.00	\$0.00
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200.00	\$200.00
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.00	\$100.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,200.00	\$2,400.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,200.00	\$2,400.00
60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.00	\$480.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75.00	\$225.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.00	\$100.00
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$400.00	\$400.00
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.00	\$100.00
140	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12.00	\$1,680.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12.00	\$300.00
140	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.00	\$2,520.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$150.00	\$600.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$150.00	\$600.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$150.00	\$600.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.00	\$600.00

BID ANALYSIS WORKSHEET

BASIS OF AWARD: NO. 1

1. Lowest Total Cost
2. Sole Source or Property Items
3. Emergency Response
4. Only Technically Accepted Supplier
5. Lead Time
6. Limited Source Due To Geographical Area
7. Other

Recommended Vendor # 4

Project Admin.:

Procurement Rep.:

PREPARED BY: Shaw Environmental, Inc. PROJECT NAME/STATE: Luster-Coate Metallizing, Churchville, NY

DATE: 9/22/2004 ORDER REQUIRED ON SITE BY:

ITEM: Drilling and Geoprobe

PROJECT NUMBER: 109220

Vendor	1	2	3	4	5
Vendor	Notnagle Drilling, Inc.	Aquifer Drilling & Testing	Paratt-Wolff, Inc.	Nature's Way	GeoLogic NY, Inc.
Vendor Rep.	Stephen DiLaura	Joseph Miranda	William Morrow	Dale Gramza	Forrest Earl
Phone	585-538-2328	518-274-3949	800-782-7260	716-937-9360	607-836-4400
Quote #		ALB 04-288	608	P 136-04	
Date	9/8/2004	8/25/2001	8/25/2004	9/16/2004	8/31/2004
Terms					
Deliv. Time					
Other					
Quantity	Unit Price	Extended	Unit Price	Extended	Unit Price
Subtotal	\$11,934.00	\$14,732.00	\$14,235.00	\$10,705.00	\$13,305.00
Tax	%	\$0.00	%	\$0.00	%
Fuel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$11,934.00	\$14,732.00	\$14,235.00	\$10,705.00	\$13,305.00

Notes:
 Assumption that no potable water will be available at the site

Notnagle and GeoLogic water truck costs included as part of rates
 ADT well development and water from off-site included in day rate

NOTHNAGLE DRILLING, INC.**1821 Scottsville-Mumford Road****Scottsville, New York 14546****(585) 538-2328****Fax (585) 538-2357**

September 8, 2004

Shaw Environmental, Inc.
13 British American Blvd.
Latham, New York 12110-1405

RE: Drilling Services
Luster - Coate Metallizing
Churchville, New York

ATTN: Cecelia Campbell

Dear Cecelia:

Below please find applicable unit costs to perform drilling services at the above referenced location.

	EST. QTY.	COST	UNIT	EST. EXTENSION
1. Mobilization & Demobilization	2	\$200.00	Ea	\$ 400.00
2. Geoprobe Rig and Operator	3	\$880.00	Day	2,640.00
3. Drill Rig and Crew	4	\$1,250.00	Day	5,000.00
4. Geoprobe Sample Sleeves	60	\$2.00	Ea	120.00
5. Bentonite	25	\$18.00	Bag	450.00
6. Concrete	20	\$12.00	Bag	240.00
7. Asphalt Patch	2	\$15.00	Ea	30.00
8. Sandpack	20	\$16.00	Bag	320.00
9. 1" PVC Screen	35	\$5.00	Ft	175.00
10. 1" PVC Riser	40	\$2.50	Ft	100.00
11. 1" PVC Plugs / Caps	4	\$5.00	Ea	20.00
12. 1" Locking Caps	2	\$20.00	Ea	40.00
13. 2" PVC Screen	40	\$7.00	Ft	280.00
14. 2" PVC Riser	100	\$3.50	Ft	350.00
15. 2" PVC Plugs / Caps	7	\$7.00	Ea	49.00
16. 2" Locking Caps	1	\$25.00	Ea	25.00
17. 8" Flush Mount Well Cover	3	\$95.00	Ea	285.00
18. 4" Locking Steel Protective Casing	4	\$95.00	Ea	380.00
19. Temporary Decontamination Pad ✓	1	\$100.00	Ea	100.00
20. Steam Cleaner Rental	7	\$50.00	Day	350.00
21. Concrete Core Apparatus	1	\$100.00	Lump Sum	100.00
22. 55 Gallon Drums ✓	16	\$30.00	Ea	480.00

TOTAL ESTIMATED COST : \$ 11,934.00

We have assumed that all borings are accessible to a truck mounted drill rig. All waste generated during the project will be left neatly on site for disposal by others.

We appreciate the opportunity to submit this proposal.

Sincerely,


Stephen A. DiLaura
Vice President



AQUIFER DRILLING & TESTING, INC.
 9 Monroe Street
 Troy, New York 12180
 (518) 274 3949 Phone/(518) 274 3989 Fax
 www.aquiferdrilling.com

August 25, 2004

Ms. Cecelia Cambell
 Shaw Environmental and Infrastructure
 13 British American Blvd.
 Latham, NY

Re: Luster Coat Metallizing
 Churchville, NY
 Proposal-ALB 04-288

Dear Cecelia,

Aquifer Drilling & Testing, Inc. (A.D.T.) is pleased to present this quotation for drilling services at the referenced site as follows:

1. Mobilization/Demobilization

Limited Access Geoprobe	Lump Sum	\$ 300.00
Truck mounted drill rig	Lump Sum	\$ 750.00

2. Geoprobe and operator to install 20 exterior and 6 interior soil gas points to approximately 2 ½ feet each and 7 exterior soil borings to approximately 30' each with continuous macro core soil samples. Install 1" PVC piezometers in 3 boreholes

Estimated 3 days @ \$1250.00/day	\$ 3750.00
----------------------------------	------------

3. Soil gas samples

Estimated 36 @ \$15.00/each	\$ 390.00
-----------------------------	-----------

4. Macro core samples

Estimated 52 @ \$6.00/each	\$ 312.00
----------------------------	-----------

5. One inch P.V.C. piezometers

Estimated 3 wells @ 20' each	
Total 60' @ \$6.00/foot	\$ 360.00

6. Flush mount roadboxes/protective casings for 1" wells installed in concrete pads

Estimated 3 @ \$135.00/each	\$ 405.00
-----------------------------	-----------

7. Grout boreholes not used as wells

\$4.00/foot	as needed
-------------	-----------

8. Truck mounted drill rig, support truck and two man crew to drill in soils @ 3 locations to approximately 20' with no sampling and 1 location to 80' or bedrock with sampling from 30' to completion of boring. Install 2" PVC M.W.'s. Drum all soils and decon fluids. Steam clean equip as required.

Estimated 3 days @ \$1700.00/day	\$ 5100.00
----------------------------------	------------

9. Two inch PVC M.W.'s

Estimated 3 wells @ 20' each	
Estimated 1 well @ 80'	

	Total 140' @ \$12.00/foot	\$ 1680.00
10. Stick up casings/Flush mount roadboxes for 2" wells installed in concrete pads	Estimated 4 @ \$165.00/each	\$ 660.00
11. Drums	Estimated 10 @ \$50.00/each	\$ 500.00
12. Temp decon pad	Lump Sum \$375.00	<u>as needed</u>
	Estimated Total Cost	\$14,207.00

A.D.T.'s costs are based on prior utility clearance, onsite disposal of soils and level "D" conditions.

Thank you for the opportunity to work with you on this project.

Sincerely,
Aquifer Drilling & Testing



Joseph Miranda
Vice President

**Subsurface Investigation
Luster-Coate Metallizing Site
Churchville, New York
August 25, 2004
Proposal No. 608**

Item	Estimated Quantity	Unit	Unit Price	Unit Total
Direct Push Investigation				
Mobilization and Demobilization	1	lump sum	\$400.00	\$400.00
Tractor-mounted rig and operator	3	per day	\$1,300.00	\$3,900.00
Laborer and hand tools for indoor work	1	per day	\$700.00	\$700.00
1" PVC wells installed	60	linear feet	\$5.00	\$300.00
Flushmount covers installed	2	each	\$125.00	\$250.00
Locking standpipe protective casings installed	1	each	\$125.00	\$125.00
Subtotal				\$5,550.00
Monitoring well installations - three @ 20' deep and one @ 80' deep				
Mobilization and demobilization - truck mounted drill	1	lump sum	\$600.00	\$600.00
Temporary decontamination pad	1	each	\$200.00	\$200.00
55-gallon drums of soil filled and staged onsite	7	each	\$50.00	\$350.00
55-gallon drums of decon or development water filled and staged onsite	6	each	\$50.00	\$300.00
4-1/4" ID hsa drilling without sampling (0-30')	90	linear feet	\$10.00	\$900.00
4-1/4" ID hsa drilling with cont. sampling (30-50')	20	linear feet	\$20.00	\$400.00
4-1/4" ID hsa with cont. sampling (50-80')	30	linear feet	\$30.00	\$900.00
2" PVC well installed	140	linear feet	\$18.00	\$2,520.00
Decontamination and handling IDW	6	hours	\$165.00	\$990.00
8" diameter flush mounted covers installed in a 18" diameter concrete pad	1	each	\$200.00	\$200.00
Locking standpipe protective casings installed	3	each	\$200.00	\$600.00
Well development - assumes 2 hours per well	8	hours	\$75.00	\$600.00
Subtotal				\$8,560.00
Estimated total				\$14,110.00

Parratt-Wolff, Inc.
P.O. Box 56 5879 Fisher Road
East Syracuse, New York 13057
(800) 782-7260

P 136-04

September 16, 2004

Ms. Cecelia Campbell
Shaw Environmental, Inc.
 13 British American Boulevard
 Latham, New York 12110-1405
 (518) 783-1996 * FAX 783-8397

RECEIVED
 9-28-04
 (Signature)

PRICE QUOTE

RE: Subsurface Investigation work to be performed at the Luster-Coate Metallizing Facility Located in Churchville, New York.

Work to Include: Task I - Earthprobing Soil Gas Survey and Subsurface Investigation Including Installation of 1" Piezometers and Protective Casings.

Task II - Drilling Rig Work Installing 2" Monitoring Wells

Task I

Earthprobe and Operator:

Soil gas survey to include +/- 20 locations to 2.5 feet - 1 day @		\$900.00/day
Subsurface Earthprobing - 7 borings to 30.0 feet estimated -		
2 days @ \$900.00/day		\$1800.00
3 - 1" Piezometers to 20.0 feet	3 @ \$75.00 each	\$225.00
3 - Protective casings (2 flush and 1 stick-up)		
	3 @ \$125.00 each	\$375.00
1 - 55 gallon drum	1 @ \$40.00	\$ 40.00
Decon with Alconox, water and brushes:		N/C
Estimated Cost Task I -		\$3340.00



P 136-04

August 25, 2004

Task II

Mobilization/demobilization Drilling rig and crew		\$300.00
Drilling without Sampling - Three Shallow Wells to 20.0 feet = 60.0 feet @ \$12.50/ft:		\$750.00
Installation of 2" PVC Monitoring Wells	60.0 feet @ \$17.00/ft	\$1020.00
Drilling without Sampling (deep well)-	0.0 to 30.0 feet @ \$12.50/ft	\$375.00
Continuous Soil Sampling (deep well)-	30.0 to 80.0 feet @ \$17.00/ft	\$850.00
Installation of deep 2" Monitoring Well	0.0 to 80.0 feet @ \$17.00/ft	\$1360.00
Protective Casings:	3 stick-up steel casings @ \$150.00 each	\$450.00
	1 flush mount casing @ \$125.00	\$125.00
Well Development	4 well est 1 hour/well @ \$125.00/hr	\$500.00
55 Gallon Drums:	13 drums @ \$40.00 each	\$520.00
Decon Pad:	Lump sum	\$350.00
Steam cleaner rental	3 days @ \$75.00/day	\$225.00
Decon	6 hours @ \$90.00/hr	\$540.00

Estimated Cost Task II \$7,365.00

This price quote is based on the assumption that the site is accessible to a truck mounted drilling rig. Should the depths of the borings change the unit rates will apply. If site clearing is required to provide drilling rig access, the cost will be \$100.00/hr for two men with chain saws. If an ATV rig is necessary to access the site, an additional charge of \$200.00 will be required.

We Appreciate the opportunity to bid on this project. Please call me if you have any questions @ (716) 937-6527.

Sincerely,

Dale M. Gramza
Manager of Geological Services

If this price quote is accepted, please sign and return a copy to NWEC&C, Inc.

Name

Date

DRILLING QUOTATION

Date: August 31, 2004

To: Cecelia C. Campbell
Shaw Environmental, Inc.
13 British American Boulevard
Latham, NY 12110

Fax: 518-783-8397

Project: Luster – Coate Metallizing
Churchville, New York

Scope of Work:

GeoLogic NY, Inc. proposes to provide all labor, equipment and material to perform a subsurface investigation in connection with the referenced project as per your request of August 24, 2004.

Shaw will be responsible for obtaining access to the site, selecting the sample locations and depths, have the boring locations staked and utilities marked prior to the start of work.

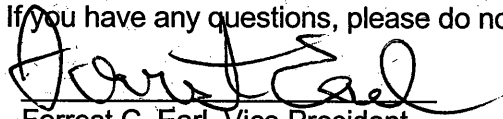
GeoLogic NY, Inc. is a Certified Woman-Owned Business Enterprise (WBE) by the State of New York Department of Economic Development.

Costs:

See attached Unit Price and Estimated Cost Proposal.

This quotation is valid for 60 days. If this proposal is acceptable, please sign below and return a copy for our records. If you have any questions, please do not hesitate to call.

GeoLogic NY, Inc.


Forrest C. Earl, Vice President

File: proposal\drill\Shaw-Churchville NY

ACCEPTED BY: _____
(Signature)

DATE: _____

(Print Name)

GeoLogic NY, Inc.
Proposed Unit Rates
Luster-Coate Metallizing
Churchville, NY
August 2004

<u>Direct Push (Geoprobe)</u>	<u>Unit</u>	<u>Quant.</u>	<u>Rate</u>	<u>Total</u>
Mob/Demob	LS	1	\$200.00	\$200.00
Temp. Decon. Pad	LS	1	\$100.00	\$100.00
Soil Gas Survey	DAY	2	\$1,200.00	\$2,400.00
Soil Sampling	DAY	2	\$1,200.00	\$2,400.00
1" Diameter PVC Wells	LF	60	\$8.00	\$480.00
Protective Covers	EA	3	\$75.00	\$225.00
Drums	EA	2	\$50.00	\$100.00
 <u>Drilling</u>				
Mob/Demob	LS	1	\$400.00	\$400.00
Temp. Decon. Pad	LS	1	\$100.00	\$100.00
Soil borings w/ augers	LF	140	\$12.00	\$1,680.00
Split Spoon Soil Samples	EA	25	\$12.00	\$300.00
2" PVC wells, installed	LF	140	\$18.00	\$2,520.00
Protective Casings/Flush-mount Covers	EA	4	\$150.00	\$600.00
Well Development	HR	4	\$150.00	\$600.00
Decon/Waste Handling/Standby	HR	4	\$150.00	\$600.00
Drums	EA	12	\$50.00	\$600.00
Projected Total:				\$13,305.00

IDW DISPOSAL

BID ANALYSIS WORKSHEET

ITEM: IDW T&D

PROJECT NUMBER: 109220
 PROJECT NAME/STATE: Luster-Coate Metallizing, Churchville, NY

PREPARED BY: Shaw Environmental, Inc.

DATE: 9/10/2004 ORDER REQUIRED ON SITE BY:

BASIS OF AWARD: NO. 1

1. Lowest Total Cost
2. Sole Source or Property Items
3. Emergency Response
4. Only Technically Accepted Supplier
5. Lead Time
6. Limited Source Due To Geographical Area
7. Other

		1		2		3		4		5		
Vendor	Capitol Environmental	Franks Vacuum	S&S Environmental	Waste Management	West Central Environmental	Vendor Rep.	Mike Schubert	Pierre Maselli	Dan Eisnhut	Eileen Carbone	David Kelly	
Phone #	302.652.8999 ext 108	716.284.2132	315.841.4200	716.754.8231	716.775.3335	Date	9/10/2004	9/10/2004	9/14/2004	9/13/2004	Other	
Project Admin.:						Procurement Rep.:						
Quantity	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended
15	\$55.00	\$825.00	\$75.00	\$1,125.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$50.00	\$750.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1	\$100.00	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1	\$0.00	\$0.00	\$300.00	\$300.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1	\$0.00	\$0.00	\$0.00	\$0.00	\$5,000.00	\$5,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		\$1,675.00	\$1,425.00	\$5,000.00	\$5,000.00	\$1,995.00	\$1,810.00					
Subtotal		\$1,675.00	\$1,425.00	\$5,000.00	\$5,000.00	\$1,995.00	\$1,810.00					
Tax	8.25%	\$138.19	8.25%	\$117.56	%	\$164.59	8.25%	\$149.33				
Fuel		\$0.00	14.00%	\$199.50		\$279.30	14.00%	\$253.40				
Total		\$1,813.19	\$1,742.06	\$5,000.00	\$5,000.00	\$2,438.89	\$2,212.73					

Notes:
 Assumed that drums will contain non-hazardous materials; Shaw will provide analysis to confirm; Demurrage not included in costs



Capitol Environmental Services, Inc.
15C Trolley Square
Wilmington, DE 19806
Phone: 302-652-8999 ext 108
Fax: 302-652-5330 (or 8980)
Email: Mike.Schubert@capitol-environmental.com

Date: 9/10/04

From: Michael T. Schubert

To: Karie Henning

Fax #: 518-783-8397

Company: Shaw

Total number of pages: 1

RE: _____

~15 drums from Rochester, NY area (5 soil cutting, 9 water, 1 PCB)

① Nonhaz disposal: \$55/drum

② Transportation: \$50/drum (10 drum minimum/pickup)

③ Stop charge: \$100.00

Shaw to supply analysis showing drums are nonhaz-don't

Mike Schubert



Date 9/10/04

QUOTATION Submitted To:

Name Shaw
Street 13 British American Blvd
City Latham
State NY Zip 12110

Attn: Carrie
Phone 518-783-1996
Fax 518-783-8397

FRANK'S VACUUM TRUCK SERVICE, INC. agrees to furnish equipment and provide for the shipment as described below:

Shipper/Origin	Consignee/Destination:
<u>Rochester NY</u>	<u>Medina OH</u>

Equipment Type	<u>boxvan</u>	
Transportation	<u>300</u>	
Vacuum Rate	<u>-</u>	per hr.
Demurrage:		
Loading	<u>50</u>	per hr. w/ <u>1</u> hr(s) free
Unloading	<u>50</u>	per hr. w/ <u>2</u> hr(s) free
Liner	<u>-</u>	
Taxes	<u>8 1/4</u>	Type <u>NY Sales</u>
Disposal	<u>75 /drum - non hazardous soil</u>	<u>ppe</u>
	<u>75 /drum - non hazardous water</u>	
Miscellaneous	<u>14 1/2 Fuel surcharge</u>	

Any alterations from the above specifications involving extra costs, will be executed only upon written or verbal orders, and will become an extra charge over and above this estimate.

The prices listed above on this quotation are firm for 120 days.

Please execute this price confirmation and return.

Ben Maxwell
FRANK'S VACUUM TRUCK SERVICE, INC. Customer

S & S Environmental

379 North Stafford Avenue, Waterville, NY 13480
Phone: (315) 841-4200 Fax: (315) 841-4280
MBE Certified

PROPOSAL

Date: 9/15/04

Shaw Environmental

Project: Dispose of 15 Non – Hazardous Drums of Waste
Rochester Area

Sections: None

Drawing: None

S & S Environmental Submits a Proposal for Disposal of 15 Non – Hazardous Drums of Waste

Base Bid: Five Thousand\$5,000.00

This Proposal Includes:

- Disposal of Waste listed above
- One Pick - Up

This Proposal Does Not Include:

- Any Testing of Material

The Owner Shall Provide:

- Access to Work Area

Payment: Net 30 Days

Proposal may be withdrawn after 15 days.

Dan Eisenhut - Project Estimator - S & S Environmental

Acceptance of Proposal: (sign): _____ Date: _____



September 14, 2004

Ms. Karie Henning
Shaw Environmental

Latham, NY

This quotation represents final pricing for the project listed below. Should the bid due date change, please contact Customer Service (1-800-843-3604) for any updated information.

Re: Unknown - Rochester, NY

Dear Ms. Henning:

Waste Management, Inc. is pleased to provide you with pricing for disposal per your request. Based upon the information you provided, the following summarizes our quotation.

DISPOSAL FACILITY:

CWM Chemical Services, LLC
1550 Balmer Road
Model City, NY 14107

WASTE STREAMS

1.) Waste Description	Non Hazardous soil
Disposal Method	Direct Landfill
Estimated Volume	5 55 gal drum(s)
Disposal Cost	\$45.00/55 gal drum
Disp. Note	A completed waste profile sheet and analysis will be required for final approval.
Transportation using Box Vans	\$65.00/55 gal drum
Trans. Minimum	NTE \$600.00/trip (\$450.00 minimum per trip)
Trans. Note	The current fuel surcharge is not included in the above pricing. (Varies - based on the price of diesel fuel at the time of the project)
Demurrage	\$75.00/hour after 2 free hours loading
Taxes	
NY State sales tax	8.25% of Disposal
NY State sales tax	8.25% of Transportation
2.) Waste Description	Non Hazardous water (<1% solids, no oil)
Disposal Method	WWT
Estimated Volume	9 55 gal drum(s)
Disposal Cost	\$125.00/55 gal drum

Disp. Note	A completed waste profile sheet and analysis will be required for final approval.
Transportation using Box Vans	\$65.00/55 gal drum
Trans. Minimum	NTE \$600.00/trip (\$450.00 minimum per trip)
Trans. Note	The current fuel surcharge is not included in the above pricing. (Varies - based on the price of diesel fuel at the time of the project)
Demurrage	\$75.00/hour after 2 free hours loading
Taxes	
NY State sales tax	8.25% of Disposal
NY State sales tax	8.25% of Transportation
3.) Waste Description	PPE
Disposal Method	Direct Landfill
Estimated Volume	1 55 gal drum(s)
Disposal Cost	\$45.00/55 gal drum
Disp. Note	A completed waste profile sheet and analysis will be required for final approval.
Transportation using Box Vans	\$65.00/55 gal drum
Trans. Minimum	NTE \$600.00/trip (\$450.00 minimum per trip)
Trans. Note	The current fuel surcharge is not included in the above pricing. (Varies - based on the price of diesel fuel at the time of the project)
Demurrage	\$75.00/hour after 2 free hours loading
Taxes	

SPECIAL CONDITIONS:

Waste must meet acceptability criteria at the site and comply with local, state and federal regulations, as well as the sites permit requirements. Pricing is contingent upon site and/or sample evaluation and approval.

Pricing is based solely on the information available at this time and is good for thirty (30) days from the date of this letter. Additional information may be required prior to approval.

All pricing is contingent upon profile approval (physical, chemical and regulatory evaluation of material).

A signed Service Agreement including Terms and Conditions will be required prior to approval of the material.

Increases in the cost of diesel fuel may effect pricing. Refer to fuel surcharge schedule for rate information.

Payment must be received within thirty (30) days of invoicing. Payments received after thirty (30) days will accrue interest at the rate of 1.5% per month.

Following site approval, we will reconfirm your pricing and send you the appropriate Supplemental Information Document for signature.

Waste Management, Inc. wishes to thank you for allowing us to quote on your disposal needs.

Please do not hesitate to contact me at the phone number below with any questions you may have or if you require any further assistance.

Sincerely,

Eileen Carbone
(716) 754-0457
Customer Service

cc:



P.O. Box 83
 Rensselaer, NY 12144
 518-272-6891

**WEST CENTRAL
 ENVIRONMENTAL**
 CORP.

24-HOUR SERVICE

EPA ID #NYD000708271
 N.Y.S. Waste Haulers #4A-106

Syracuse, NY
 315-472-6500

Binghamton, NY
 607-722-6400

Poughkeepsie, NY
 845-471-1400

Grand Island, NY
 716-775-3335



September 10, 2004

Ms. Carrie Henning
 Shaw Environmental
 13 British American Blvd.
 Latham, New York 14410

Dear Ms. Henning:

West Central Environmental Corp. is pleased to provide a quotation for the safe and lawful disposal of waste generated from your site. For this program, we will utilize the disposal services of the Chemtron Corporation of Avon, Ohio.

<u>Plant Site</u>	<u>Material</u>	<u>Code</u>	<u>Cost</u>
Churchville, NY	Drill Spoils/Cuttings	To be developed	\$ 95.00/drum
Churchville, NY	PPE	To be developed	\$ 95.00/drum
Churchville, NY	Development Water	To be developed	\$ 85.00/drum
Churchville, NY to Avon, OH	Box-Van		\$ 475.00/LTL

Upon your notice to proceed, we may schedule this work accordingly. As always, should you have any additional questions, please do not hesitate to call.

Very Truly Yours,

David A. Kelly (km)

David A. Kelly
 Vice President Sales
 West Central Environmental Corp.
 DAK/km

DATA VALIDATION

BID ANALYSIS WORKSHEET

ITEM: Data Validation
 PROJECT NUMBER: 109220
 PROJECT NAME/STATE: Luster-Coate Metallizing, Churchville, NY
 ORDER REQUIRED ON SITE BY: 9/10/2004

BASIS OF AWARD: NO. 1
 1. Lowest Total Cost
 2. Sole Source or Property Items
 3. Emergency Response
 4. Only Technically Accepted Supplier
 5. Lead Time
 6. Limited Source Due To Geographical Area
 7. Other

PREPARED BY: Shaw Environmental, Inc.
 DATE: 9/10/2004

Vendor	Validata Chemical Services, Inc.	Environmental Quality Associates, Inc.	Data Validation Services	Environmental Data Services, Inc.	Environmental Data Validation, Inc.						
Vendor Rep	Kevin Harmon	Chris Taylor	Judy Harry	Nancy Weaver	Maxine Walters						
Phone	770-232-0130	845-386-4705	518-251-4429	603-226-0118	412-341-5281						
Quote #	4	Shaw082004DVCosts									
Date	8/24/2004	8/25/2004	8/30/2004	9/3/2004	9/10/2004						
Terms											
Deliv. Time											
Other											
Quantity	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended					
TO-15	4	\$23.00	\$92.00	\$50.00	\$200.00	\$25.00	\$100.00	\$12.00	\$48.00	\$22.10	\$88.40
SOIL											
6010/7471	27	\$22.50	\$607.50	\$18.50	\$499.50	\$18.00	\$486.00	\$15.00	\$405.00	\$26.10	\$704.70
6010/7471 MS/MSD	6	\$22.50	\$135.00	\$18.50	\$111.00	\$18.00	\$108.00	\$15.00	\$90.00	\$0.00	\$0.00
8270	27	\$21.00	\$567.00	\$22.50	\$607.50	\$20.00	\$540.00	\$15.00	\$405.00	\$26.10	\$704.70
8270 MS/MSD	6	\$21.00	\$126.00	\$22.50	\$135.00	\$20.00	\$120.00	\$15.00	\$90.00	\$0.00	\$0.00
8081	18	\$17.50	\$315.00	\$20.00	\$360.00	\$15.00	\$270.00	\$15.00	\$270.00	\$22.45	\$404.10
8081 MS/MSD	6	\$17.50	\$105.00	\$20.00	\$120.00	\$15.00	\$90.00	\$15.00	\$90.00	\$0.00	\$0.00
8082	18	\$16.50	\$297.00	\$17.50	\$315.00	\$22.00	\$396.00	NA	\$0.00	\$22.45	\$404.10
8082 MS/MSD	6	\$16.50	\$99.00	\$17.50	\$105.00	\$22.00	\$132.00	NA	\$0.00	\$0.00	\$0.00
8260	16	\$19.00	\$304.00	\$16.00	\$256.00	\$20.00	\$320.00	\$15.00	\$240.00	\$22.10	\$353.60
8260 MS/MSD	4	\$19.00	\$76.00	\$16.00	\$64.00	\$20.00	\$80.00	\$15.00	\$60.00	\$0.00	\$0.00
TOC (9060)	9	\$4.50	\$40.50	\$5.00	\$45.00	\$5.00	\$45.00	\$8.00	\$72.00	\$5.99	\$53.91
TOC (9060) MS/MSD	2	\$4.50	\$9.00	\$5.00	\$10.00	\$5.00	\$10.00	\$8.00	\$16.00	\$0.00	\$0.00
WATER											
TAL Metals	13	\$22.50	\$292.50	\$18.50	\$240.50	\$18.00	\$324.00	\$15.00	\$195.00	\$26.10	\$339.30
TAL Metals MS/MSD	2	\$22.50	\$45.00	\$18.50	\$37.00	\$18.00	\$36.00	\$15.00	\$30.00	\$0.00	\$0.00
8081	13	\$17.50	\$227.50	\$20.00	\$260.00	\$15.00	\$195.00	\$15.00	\$195.00	\$22.45	\$291.85
8081 MS/MSD	2	\$17.50	\$35.00	\$20.00	\$40.00	\$15.00	\$30.00	\$15.00	\$30.00	\$0.00	\$0.00
8082	13	\$16.50	\$214.50	\$17.50	\$227.50	\$22.00	\$286.00	NA	\$0.00	\$22.45	\$291.85
8082 MS/MSD	2	\$16.50	\$33.00	\$17.50	\$35.00	\$22.00	\$44.00	NA	\$0.00	\$0.00	\$0.00
8260	13	\$19.00	\$247.00	\$16.00	\$208.00	\$20.00	\$260.00	\$15.00	\$195.00	\$22.10	\$287.30
8260 MS/MSD	2	\$19.00	\$38.00	\$16.00	\$32.00	\$20.00	\$40.00	\$15.00	\$30.00	\$0.00	\$0.00
8270	13	\$21.00	\$273.00	\$22.50	\$292.50	\$20.00	\$260.00	\$15.00	\$195.00	\$26.10	\$339.30
8270 MS/MSD	2	\$21.00	\$42.00	\$22.50	\$45.00	\$20.00	\$40.00	\$15.00	\$30.00	\$0.00	\$0.00
Subtotal			\$4,220.50		\$4,245.50		\$4,122.00		\$2,686.00		\$4,263.11
Tax			\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Fuel			\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Total			\$4,220.50		\$4,245.50		\$4,122.00		\$2,686.00		\$4,263.11

Notes:
 Environmental Data Validation, Inc. will not charge for MS/MSD samples.

Cost Proposal
Data Validation Services
Shaw Environmental & Infrastructure, Inc.
13 British American Blvd.
Latham, NY 12110
Attn: Cecelia Campbell
8/24/04

Subject: Cost Proposal - Data Validation Services, Luster-Coate Metallizing,
Churchville, NY

Contents:

- 1.) **General Information**
- 2.) **Pricing Information**

GENERAL INFORMATION

Validata Chemical Services, Inc (Validata) was founded in 1990 to provide the best in data validation services. Since then, we have become highly experienced data validation specialists, having completed more than 150 data validation contracts. These contracts have included 90 Navy CLEAN contracts, 24 Navy RAC contracts, 9 Air Force AFCEE contracts, 8 Army Corps of Engineers contracts, and numerous contracts at private sites throughout the country. Many of our private sites have involved successful and continual validation of long term monitoring data. One of our current contracts involves ongoing sampling activities at 25 different utility sites. We have been working with another client, providing data validation reports quarterly that have been accepted by the USEPA for the last 10 years. Our clients have included the U.S. military, industrial clients, federal government agencies, law firms, engineering firms and others. Please refer to our company Statement of Qualifications (SOQ), available upon request, for detailed descriptions of our past projects.

As noted in our SOQ, Validata is highly experienced in working with the U.S. Department of Defense and on private sites throughout the country, adapting data validation services as necessary to meet all regional requirement. Having worked as principal data validation contractors on two major Navy NEESA CLEAN Southern

Division contracts and one major NEESA CLEAN Atlantic Division contract with hundreds of thousands of sample analyses validated and approved by the U.S. Navy and the USEPA, Validata has a proven track record for quality data validation services.

PRICING

The prices listed apply to preparation of a Data Usability Summary Report according to the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data*

Review, 1999 and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, 1994 with USEPA Region II modifications. All laboratory QA/QC samples are included in the unit costs. Field duplicates, matrix spikes, matrix spike duplicates, lab duplicates, dilutions and reanalyses are counted as individual samples and are subject to unit prices. Data validation deliverables will be provided within 30 calendar days of receipt of the complete data packages.

Data Validation - 30 Day Turnaround

<u>Analysis/Method</u>	<u>Estimated No. of Samples</u>	<u>Matrix</u>	<u>Unit Price</u>	<u>Total Price</u>
Volatile Organics / TO-15	4	Any	\$ 23.00	\$ 92.00
Volatile Organics / SW-846 8260	34	Any	19.00	646.00
Semivolatile Organics / SW-846 8270	47	Any	21.00	987.00
Metals / SW-846 6010/7471	47	Any	22.50	1,057.50
Pesticides / SW-846 8081	33	Any	17.50	577.50
PCBs / SW-846 8082	3	Any	16.50	49.50
TOC / 9060	11	Any	4.50	49.50
Project Validation Total:				\$ 3,459.00

ELECTRONIC DATA QUALIFICATION OPTION

Electronic validation includes the electronic qualification of a laboratory-generated deliverable in Excel™ or a text file format, or an equivalent format. This service is available for an additional 10% of the validation costs.

CONTRACT COMPLIANCE ASSESSMENT OPTION

Contract Compliance is evaluated in the event any QA/QC anomaly results in data qualification. CCA will determine if the qualification is the result of laboratory non-

compliance or if it is due to circumstances outside the laboratory's control (e.g. matrix effects, unresolvable interferences, etc.). All instances of laboratory non-compliance will be noted in the appropriate section of the data validation report.

CCA is useful for determining payment for laboratory services (i.e. whether payment should be reduced or samples should be reanalyzed due to non-compliance), for identifying field QC problems and for adjusting the sample/analysis plan to avoid future data quality loss due to site-specific conditions or laboratory problems.

CCA is available for a surcharge of 15% of the validation costs.

PARCC REPORT OPTION

PARCC Criteria evaluate and analyze the trends in data quality found in data validation. This report will discuss and tabulate data anomalies relevant to Precision, Accuracy, Representativeness, Completeness and Comparability. This service is available for an additional 33% of the validation costs.

DATA VALIDATION - 14 DAY TURNAROUND OPTION

Add 30% to the prices listed (rounded to nearest \$ 0.25).

DATA VALIDATION - 7 DAY TURNAROUND OPTION

Add 60% to the prices listed (rounded to nearest \$ 0.25).

COMMENTS

This proposal is valid for 60 days from the date of issue. Please direct any questions regarding this proposal to Kevin Harmon at (770) 232-0130. Validata is pleased to have the opportunity to work with you and Shaw E & I, Inc.

Sincerely,

Kevin C. Harmon
Client Services Director

Environmental Quality Associates, Inc.

Data Review Cost Summary

Date: 25-Aug-04
 Client: Shaw Environmental / Latham, NY
 Site: Luster-Coate Metallizing, Churchville, NY
 Protocol: NYSDEC - DUSR

Matrix	Method / Analyte	Total Samples	Unit Price	Total Cost
Air	TO-15 VOCs	4	\$ 50.00	\$ 200.00
Surface Soil	6010B/7471 TAL Metals	13	\$ 18.50	\$ 240.50
	8270C SVOCs	13	\$ 22.50	\$ 292.50
	8081A Pesticides	7	\$ 20.00	\$ 140.00
	8082 PCBs	7	\$ 17.50	\$ 122.50
Sediment	8260B VOCs	9	\$ 16.00	\$ 144.00
	6010B/7471 TAL Metals	9	\$ 18.50	\$ 166.50
	8270C SVOCs	9	\$ 22.50	\$ 202.50
	8081A Pesticides	9	\$ 20.00	\$ 180.00
Subsurface Soil	8082 PCBs	9	\$ 17.50	\$ 157.50
	8260B VOCs	11	\$ 16.00	\$ 176.00
	6010B/7471 TAL Metals	11	\$ 18.50	\$ 203.50
	8270C SVOCs	11	\$ 22.50	\$ 247.50
Groundwater	9060 TOC	11	\$ 5.00	\$ 55.00
	8081A Pesticides	7	\$ 20.00	\$ 140.00
	8082 PCBs	7	\$ 17.50	\$ 122.50
	8260B VOCs	14	\$ 16.00	\$ 224.00
Total	6010B/7471 TAL Metals	14	\$ 18.50	\$ 259.00
	8270C SVOCs	14	\$ 22.50	\$ 315.00
	8081A Pesticides	14	\$ 20.00	\$ 280.00
	8082 PCBs	14	\$ 17.50	\$ 245.00
Total				\$ 3,913.50

every 20
 1 MSD
 1 MSD
 1 Cap Blank
 1 Blind Dup

** Standard 30-day turnaround for all analyses unless otherwise specified.

Data Validation Services

120 Cobble Creek Road P. O. Box 208

North Creek, NY 12853

Phone (518) 251-4429

Facsimile (518) 251-4428

August 30, 2004

Cecelia Campbell
Shaw Environmental
13 British American Blvd.
Latham, NY 12110

RE: Cost estimate for DUSR review for the Luster-Coate Metallizing site

Dear Ms. Campbell:

Thank you for your request for validation of the Luster-Coate Metallizing site analytical data. Costs are provided for Data Usability Summary Review (DUSR).

With DUSR review, the data packages provided will be reviewed for quality control parameters (including, but not limited to, custody documentation, holding times, surrogate and matrix spike recoveries, LCS recoveries, duplicate correlation, calibration standard/blank performance, instrument performance, blank contamination, matrix interferences, method compliance, etc). This review will be performed from the summary forms available in the data package. In addition, critical elements of the raw data (i.e. sample chromatograms, calculated values, etc) will be reviewed. Full validation to verify summary page values and QC reported results from the raw data will not be performed at this time. The USEPA national and regional validation guidelines/procedures and professional judgment will be used to determine the applicable qualifications to the data. Those qualifications that impact significantly on the usability of the sample results are cited within the report. At a minimum, all issues noted in the NYSDEC DUSR description (Rev. 09/97) will be discussed in the DUSR. Please note that any discussion indicating steps to be taken to fill in data gaps must be generated with coordination with your firm.

The units costs below pertain to all field samples. Associated QC are reviewed at no additional charge. The costs include review, generation of a single report covering all analyses, and associated communications. These unit costs, which are independent of matrix, have been applied to the projected number of samples, to arrive at an estimated project total.

No. of Samples	Analytical Fraction	Unit Cost	Subtotal
4	Volatiles by TO-15	\$ 25 +	\$ 100
34	Volatiles by 8260B	20 +	680
47	Semivolatiles by 8270C	20 +	940
37	Pesticides by 8082	22 +	814
37	PCBs by 8081	15 +	555
47	Metals by 6000/7000	18 +	846
11	TOC	5 +	55

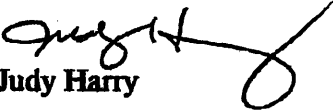
Estimated Project Total \$ 3990

pg. 2/2
Luster

The DUSR will be completed within 30 days of receipt of the final data package for the project. For scheduling purposes, this firm must be notified when samples are submitted to the laboratory. DUSR costs reflect review of data packages that involve analyses generated in compliance with the protocols, and packages that are complete in the required deliverables. Additional costs may be incurred if the data are not generally compliant or complete. Costs do not include return shipment of the data, and payment terms are net 30 unless otherwise arranged.

Please do not hesitate to contact me if you desire additional information, or have questions regarding this proposal. I look forward to possibly working with your firm on this project.

Very truly yours,



Judy Harry

*Environmental Data Services, Inc.**Specializing in Laboratory Data Validation*

September 3, 2004

Ms. Cecelia Campbell
 Shaw Environmental, Inc.
 13 British American Boulevard
 Latham, New York 12110-1405

RE: Data Usability and Summary Report for Luster-Coate Metallizing

Dear Ms. Campbell:

Environmental Data Services, Inc. (EDS) is pleased to submit the following price quote for the preparation of a Data Usability and Summary report for the Luster-Coate Metallizing Plant in Churchville, New York. The report will be completed using the most recent USEPA Region II guidance and any additional information provided for the site. Our standard turnaround time is 21 days. Per your request we have also provided additional pricing for 7 day and 14 day turnaround times.

Analysis	Number of Samples	Unit Price	Extended Price
TO-15	4	\$12.00	\$48.00
Metals	47	\$15.00	\$705.00
VOC	34	\$15.00	\$510.00
SVOC	47	\$15.00	\$705.00
Pest/PCB	37	\$15.00	\$555.00
TOC	11	\$8.00	\$88.00
		Total	\$2611.00
	Expedited 14 day TAT	+ 20%	\$3133.20
	Expedited 7 day TAT	+ 40%	\$3655.40

Please do not hesitate to contact me at (603) 226-0118 or via email at nweaver@env-data.com if you have any questions. We look forward to supporting Shaw Environmental on this project.

Sincerely,
 Environmental Data Services, Inc.

N. Weaver

Nancy Weaver
 Senior Chemist

EDV, INC

SBA Certified 8(a), Hub-zone, SDB, MBE, WBE

COST ESTIMATE FOR SHAW GROUP

Site: Luster-Coate Meallizing, Churchill NY

Method	Matrix	No. of Samples	Unit Cost	Total Cost
	TO-15 air	4	22.1 \$	88.40
	6010 soil/water	47	26.1 \$	1,226.70
	8270 soil/water	47	26.1 \$	1,226.70
	8081 soil/water	37	22.45 \$	830.65
	8082 soil/water	37	22.45 \$	830.65
	8260 soil/water	34	22.1 \$	751.40
	9060 soil	11	5.99 \$	65.89
				\$ 5,020.39

Site: Stuart-Oliver-Holtz, Henrietta, NY

	TO-15 air	4	22.1 \$	88.40
	6010 soil/water	119	23.79 \$	2,831.01
	8270 soil/water	26	26.1 \$	678.60
	8081 soil/water	26	26.1 \$	678.60
	8082 soil/water	26	26.1 \$	678.60
	8260 soil/water	119	19.98 \$	2,377.62
	415.9 water	42	5.99 \$	251.58
	410.1 water	42	5.99 \$	251.58
	300 water	42	5.99 \$	251.58
				\$ 8,087.57

note

MS/MSD will not be charged.

All reanalyses will be charged.

APPENDIX B

HEALTH & SAFETY PLAN

(Will be provided as a separate document)

APPENDIX C

QUALITY ASSURANCE PROJECT PLAN
(Will be provided as a separate document)

APPENDIX D

FIELD ACTIVITIES PLAN

(Will be provided as a separate document)