URS

March 15, 2001

Mr. Drew B. Shapiro
EDZ Director
Lackawanna Economic Development Zone
714 Ridge Road
Lackawanna, New York 14218

Re: Lackawanna Business Park Site
NYSDEC Site No. B-00080-9
Final Remediation Report - Revised

Dear Mr. Shapiro:

URS Corporation Group Consultants (URS) is pleased to provide you with two copies of the Revised Final Remediation Report. The original report was prepared in accordance with our July 14, 2000 proposal, specifically Task 3: "Monitor, Observe and Document Safe Excavation and Removal of Contaminated Soil According to NYSDEC Established Standards and Procedures". This report has been revised to address NYSDEC comments dated January 29, 2001. I have sent copies of this report directly to Messrs. Sutton, Pawenski, Ryan and O'Connor.

The ROD requires that a deed restriction be placed on the property. The Department's January 29, 2001 correspondence, specifically comment No. 10, requires that a copy of the deed restriction be included in this report. The City of Lackawanna has informed URS that the deed restriction is not available to include with this submission. The City will forward copies to all appropriate parties for inclusion in the Final Remediation Report as Appendix I.

Call if you have any questions.

Very truly yours,

URS Corporation Group Consultants

Charles E. Dusel, Jr.
Project Manager

cc: Gregory P. Sutton, P.E., NYSDEC – Buffalo
Chris Pawenski, Erie County Dept. of Environment and Planning
Michael Ryan, NYSDEC Albany
Cameron O'Connor, NYSDOH, Buffalo
File: 35815.00 (C-1)

enc.

URS Corporation
282 Delaware Avenue
Buffalo, NY 14202-1805
Tel: 716.856.5636
Fax: 716.856.2545

Dusel

Lackawanna Business Park
Brownfields Project
(NYSDEC Site No. B-00080-9)

Final
Remediation Report

for Remedial Excavation and Debris Removal
Lackawanna, New York

Prepared for:

The City of Lackawanna

Prepared by:

URS Corporation Group Consultants
282 Delaware Avenue
Buffalo, New York 14202

Final
March 2001

G3347

LACKAWANNA BUSINESS PARK – BROWNFIELDS PROJECT
NYSDEC SITE NO. B-00080-9

FINAL REMEDIATION REPORT

FOR REMEDIAL EXCAVATION AND DEBRIS REMOVAL

Prepared For:

THE CITY OF LACKAWANNA
LACKAWANNA ECONOMIC DEVELOPMENT ZONE

Prepared By:

URS CORPORATION GROUP CONSULTANTS
282 DELAWARE AVENUE
BUFFALO, NY 14202

MARCH 2001

CERTIFICATION OF

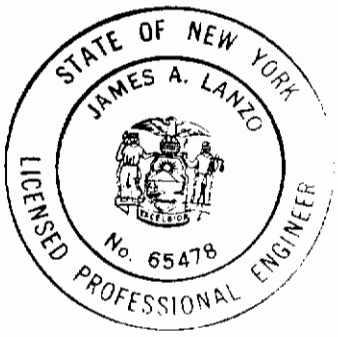
CONSTRUCTION QUALITY ASSURANCE

AT

LACKAWANNA BUSINESS PARK SITE
NYSDEC SITE NO. B-00080-9
FOR REMEDIAL EXCAVATION AND DEBRIS REMOVAL
LACKAWANNA, NEW YORK

URS Corporation Group Consultants (URS) personnel and its subcontractors have performed and inspected the remedial action construction at the Lackawanna Business Park site according to generally accepted practices. Based on field observations and inspections made by onsite personnel, field and laboratory test data, and data provided by our subcontractors, URS certifies that the remedial excavation and debris removal at the site has been performed in substantial compliance with the approved Scope of Work and as stated in this report and on the accompanying figures.

SEAL



Charles E. Dusel Jr.
Project Manager

James Lanzo, P.E.

LACKAWANNA BUSINESS PARK SITE
NYSDEC SITE NO. B-00080-9
FINAL REMEDIATION REPORT

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Appendix F – Inspectors Daily Reports

Appendix G – Inspectors Log Book

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1.0 INTRODUCTION

This report certifies that all remedial construction activities completed at the Lackawanna Business Park (LBP) Site (site number B-00080-9) in the City of Lackawanna, Erie County, New York were performed in accordance with the approved Scope of Work for Remedial Excavation and Debris Removal, November, 2000. This Final Remediation Report is submitted by URS Corporation Group Consultants (URS) to the City of Lackawanna (City) and the New York State Department of Environmental Conservation (NYSDEC) for their review and comment. The report includes a brief narrative, figures, copies of the inspection reports and photographs, analytical results, and copies of inspector's log book.

URS performed the remedial work under contract with the City of Lackawanna. URS awarded the base bid contract for the LBP remediation to SLC Environmental Services (Contractor) of Lockport, New York. The bid alternate, for removal of construction and demolition debris from portions of the property outside of the limits of excavation, was not awarded.

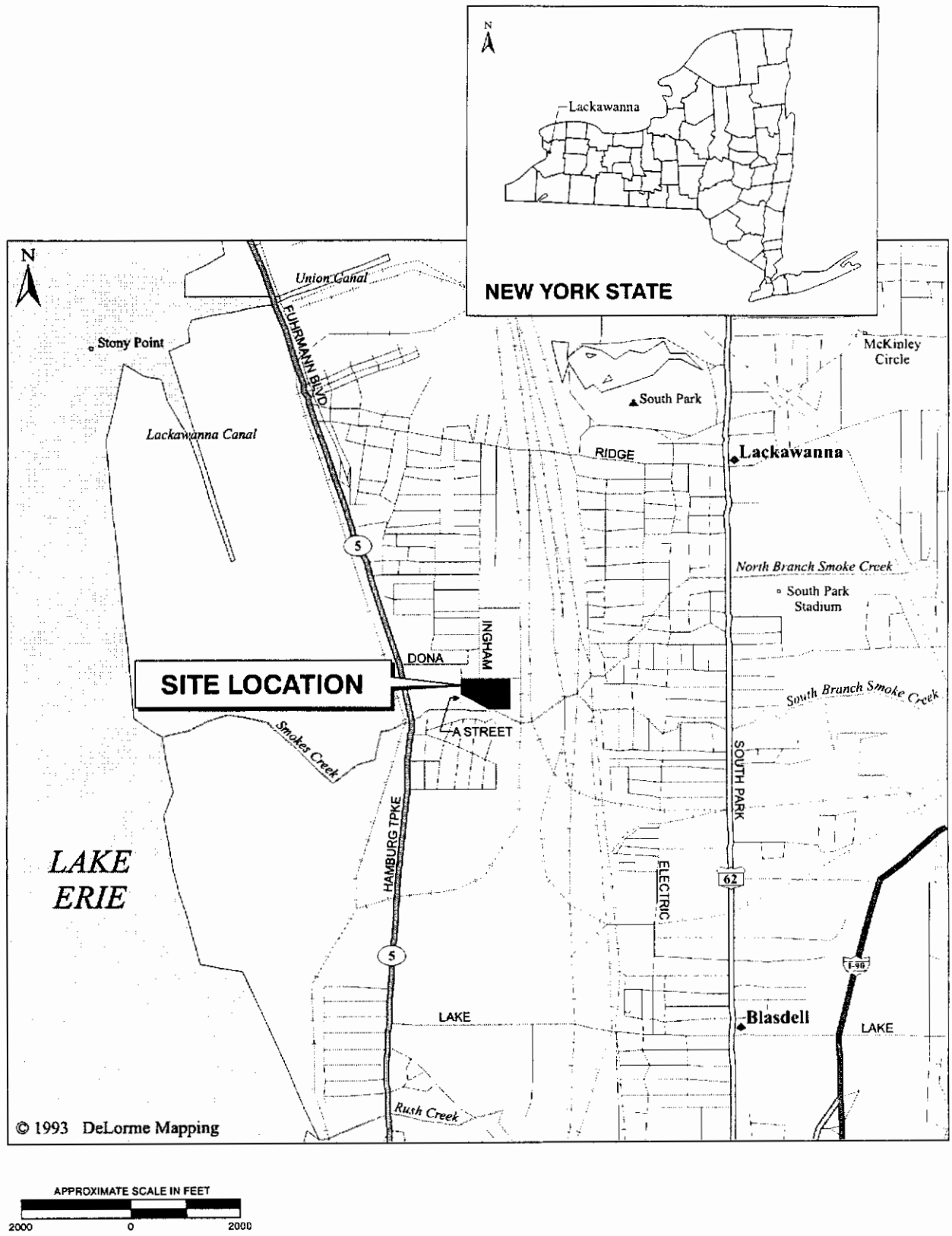
Figure 1 shows the site location map. Figure 2 shows the Remedial Activities Plan.

2.0 NARRATIVE DESCRIPTION OF CONSTRUCTION

The Contractor began remedial activities on December 13, 2000 at the LBP site by clearing all standing brush located inside the 92' to 100' feet-radius limit of initial excavation. Once all brush was cleared, the Contractor separated and cleared the construction and demolition (C & D) debris. A total of approximately 428 tons of C & D debris was loaded into either dump trucks or rolloffs and hauled offsite to the following locations: 364.11 tons to the Waste Management, Chaffee, Landfill; 44 tons to Lakefront Recycling, Inc.; 13.94 tons to the NEI Transfer Station; 4.44 tons to Shultz Landfill; and 1.51 tons to Diamond Hurwitz Scrap Inc. Copies of the C&D debris weigh tickets from each facility have been included in Appendix A. Appendix A also contains the Waste management Generator's Waste Profile Sheet and copies of the C&D debris waste manifests.

SITE LOCATION MAP

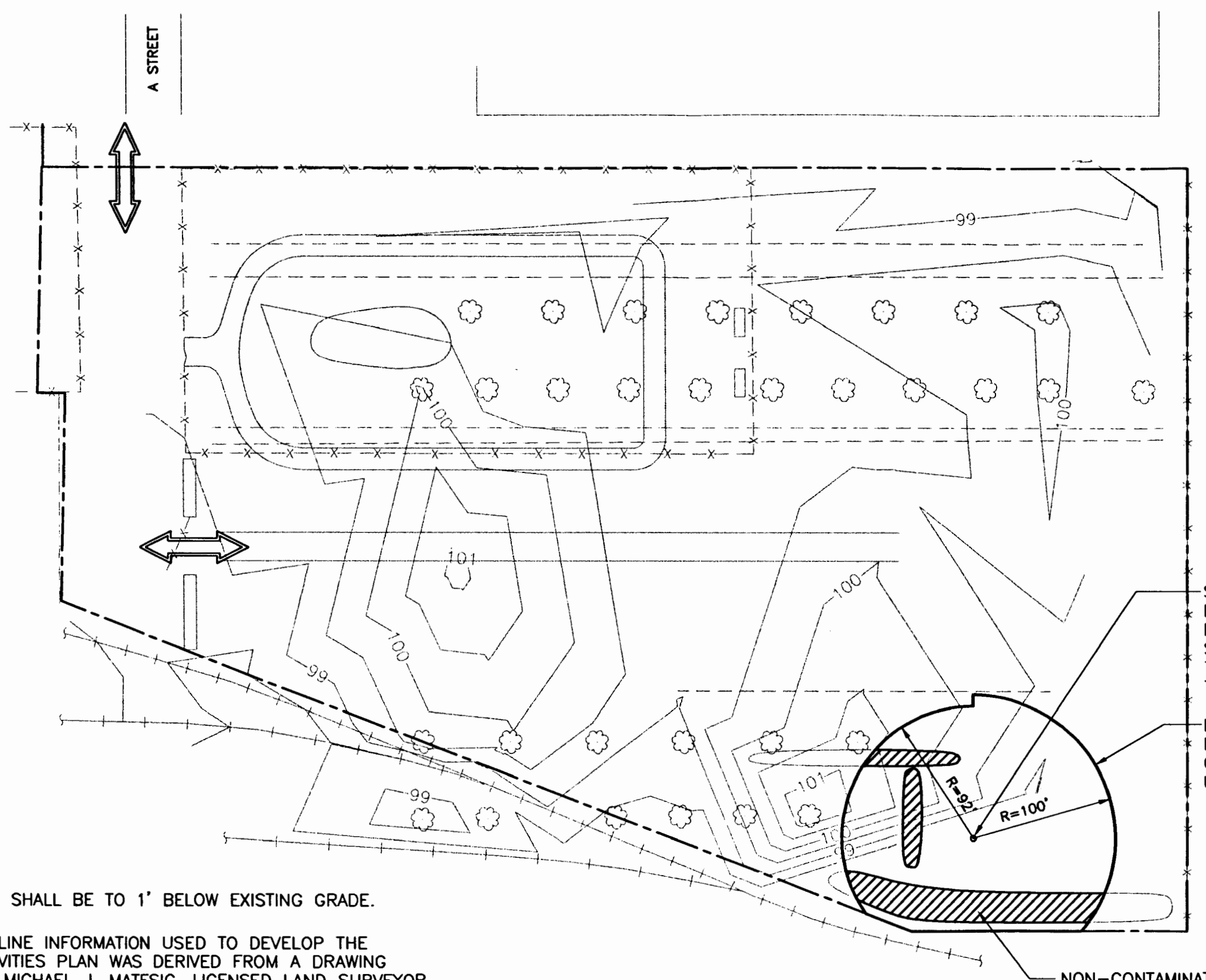
Amadori Project Site Property
Site Investigation/Remedial Alternatives Report



APPROXIMATE SCALE IN FEET
2000 0 2000

Figure 1

35556\CAD\1=80 03/15/01-13 TJM



NOTES:

1. EXCAVATION SHALL BE TO 1' BELOW EXISTING GRADE.

2. PROPERTY LINE INFORMATION USED TO DEVELOP THE REMEDIAL ACTIVITIES PLAN WAS DERIVED FROM A DRAWING PREPARED BY MICHAEL J. MATESIC, LICENSED LAND SURVEYOR DATED 2-27-98.

3. TOPOGRAPHY WAS FIELD LOCATED BY URS CORPORATION ON JULY 1, 1998 AND SUBSEQUENTLY ON NOVEMBER 3, 2000 TO DETERMINE LOCATIONS OF NON-CONTAMINATED AND COMTAMINATED AREAS.

LEGEND

ACCESS ROUTE

REMEDIAL ACTIVITIES PLAN

URS

FIGURE 2

CC-5587C

NYSDEC. The radius of excavation was increased 2-feet around the eastern and western perimeter. On December 26, 2000, additional post-excavation sampling and analysis was performed. Those samples contained < 50 ppm total chromium, indicating that all of the contamination had been removed. The results for all post-excavation sampling are contained in Table 1, below. The laboratory data packages are contained in Appendix C. The approximate limits of removal activities and restoration backfill are shown on Figure 3. Approximately 1,400 tons of chromium- contaminated soil were excavated and hauled offsite to Waste Management's Chaffee landfill for disposal. Copies of the contaminated soil weigh tickets, waste profile, and waste manifests are included in Appendix D.

TABLE 1

POST-EXCAVATION SAMPLING RESULTS

Sample ID	Date Collected	Total Chromium Concentration (ppm)	Clean-up Level (ppm)
SW1	12/21/00	155	50
SW2	12/21/00	38.4	50
SW3	12/21/00	72.7	50
BB1	12/21/00	36.0	50
SW1A	12/26/00	21.4	50
SW3A	12/26/00	16.5	50

The Contractor then backfilled the excavation area with clean soil. The verifications of clean soil are included in Appendix E. Approximately 1,224 cubic yards of clean backfill material was brought onto site. After backfilling, the Contractor seeded and mulched the excavation area. A final inspection was performed on January 2, 2001.

3.0 DATA USABILITY

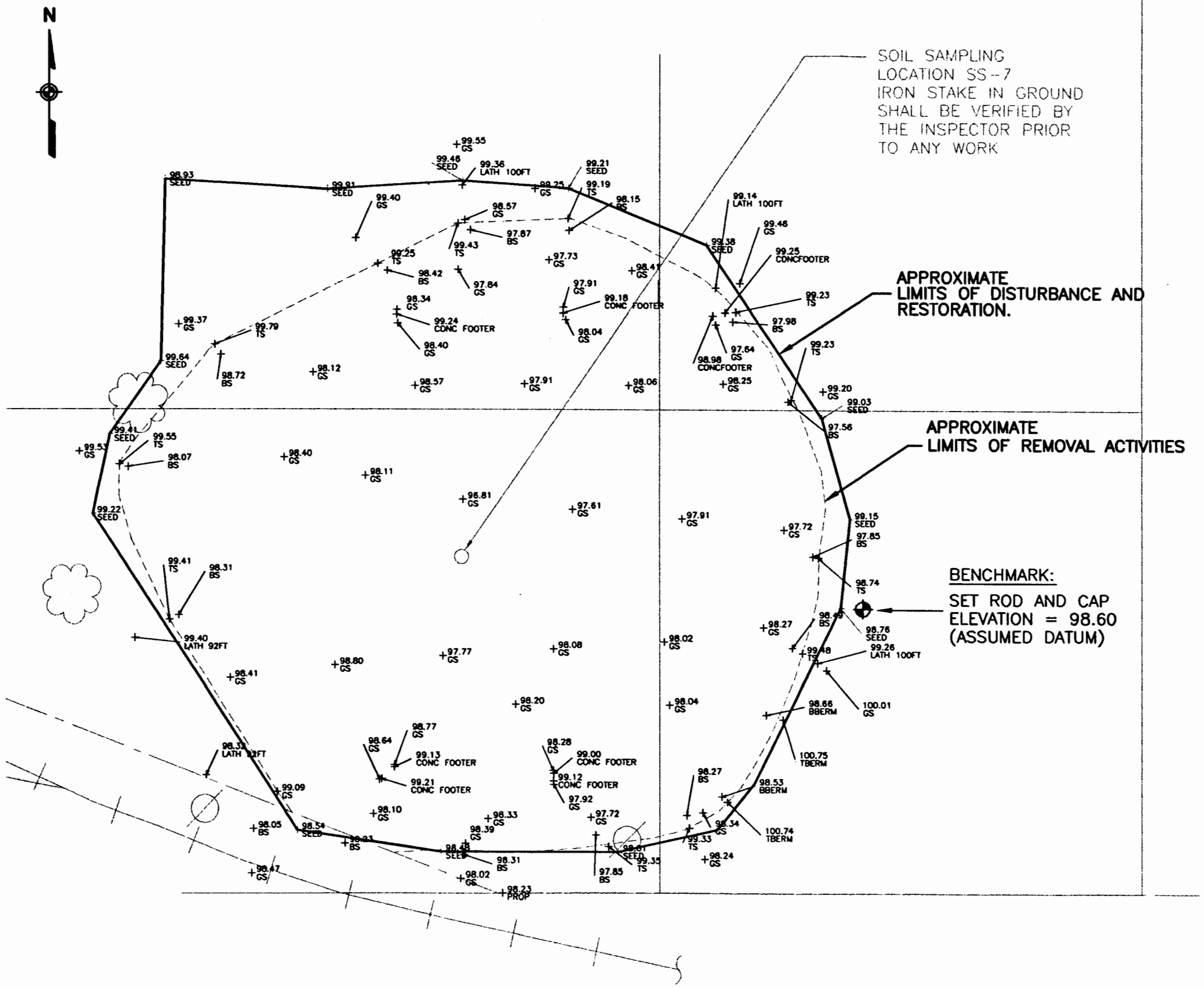
The data were reviewed in accordance with the requirements of USEPA Method 6010B, USEPA Region II *Evaluation of Metals Data for the Contract Laboratory Program (CLP), SOP No. HW-2, Rev. XI*, January 1992, and the requirements of the NYSDEC Division of Environmental Remediation *Guidance for the Development of Data Usability Summary Reports*, June 1999.

During site clearing, the Contractor exposed one 55-gallon drum. This drum was overpacked and moved to a secure location with the approval of the City. The drum was sampled by the Contractor and sent to Lozier Analytical Group for analysis. The results of the analyses, included in Appendix B, indicated that the contents of the drum were not a hazardous waste. URS completed the material characterization profile reflecting these results, and on January 26, 2001, Franks Vacuum Truck Service of Niagara Falls took possession of the drum and hauled the drum to Vexor Technology where the drum was treated by stabilization and/or solidification. The drum was then transported to the BFI landfill located in Lowellville, OH, for final disposal. Copies of the profile and manifest are included in Appendix B.

The Contractor excavated until the 1' depth mark was met throughout the majority of the 92' - 100' radius of the initial excavation area. URS's on site engineering inspector verified that the Contractor had excavated to the 1' depth. The soil was loaded into lined dump trucks that hauled it to the CID landfill. Excavation in the southern portion of the 92' - 100' radius did not go to the radius point due to the property line, Niagara Mohawk poles, the railroad tracks and also a drainage swale. The Contractor excavated to the toe of slope on the south side of the berm. Excavation in the eastern portion was limited in the immediate area located near the groundwater monitoring well.

The Contractor cut and felled the three large cottonwood trees located in the initial excavation area. The roots were grubbed to a depth of approximately 5 feet. The roots and wood were loaded into dumpsters and removed from site. The roots and wood were included in the 428 tons of C & D debris.

On December 21, 2000, as the initial excavation was completed, URS collected four composite, post-excavation samples: one composite sample from the bottom of the excavation area, and three composite samples from the sidewalls. The four samples were sent to Waste Stream Technology, a NYSDOH-certified laboratory, where they were analyzed for total chromium content. The results were compared to the total chromium action level for this project, 50 parts per million (ppm). The results of samples SW-1 and SW-3 indicated that some contamination remained at the perimeter of the initial excavation area; the bottom of the excavation area showed concentrations <50 ppm, and so was considered clean. The Contractor excavated additional soil to limits that URS determined in consultation with the City and



NOTES:

1. BASE MAPPING OF THIS DRAWING IS TAKEN FROM FIGURE 2 OF THIS REPORT.

LEGEND (SURVEY POINTS)

GS	GROUND SHOT
SEED	LIMIT OF RESTORED (SEEDED AREA)
BS	BOTTOM OF SLOPE
TS	TOP OF SLOPE
BBERM	BOTTOM OF BERM
TBERM	TOP OF BERM

STATE OF NEW YORK
GUY S. GAGLIARDI
No. 49946
LICENSED LAND SURVEYOR

30' 0 30'

SCALE: 1"= 30'

APPROXIMATE LIMITS OF REMOVAL ACTIVITIES AND RESTORATION

URS

FIGURE 3

Because real-time decisions had to be made, it was not possible for the laboratory to submit a full, NYSDEC Category B deliverable data package during the field activities. Upon completion of the excavation activities, URS requested from the laboratory all available raw data and reporting forms so that the usability of the data could be determined. The following information was reviewed and verified to be in compliance with the requirements of Method 6010B: blank results, holding times, instrument calibration, matrix spike recoveries, matrix duplicate precision, laboratory control sample recoveries, and analysis sequence requirements. In addition, the reported sample results were verified from the raw data. All calibration, blank results, and quality control (QC) sample results were within USEPA Region II validation criteria, and no qualification of the data was necessary. All data are usable as reported.

4.0 CONSTRUCTION MONITORING

A URS Inspector was on site whenever the Contractor was working. The Inspector observed and documented that the Contractor complied with all contract requirements, including all environmental protection measures.

The Contractor monitored air quality in accordance with the contract documents. Results were reported to URS' Inspector daily. No exceedances of action levels were detected.

Copies of the inspector's reports are contained in Appendix F to this report, and copies of his log are contained in Appendix G. Copies of photographs taken during the construction activities are included in Appendix H.

5.0 COST

Table 2 contains a breakdown of the final cost of the remedial construction at the LBP site. The final cost, $102,553, is less than the base bid price of $143,400, due principally to the reduction, below the bid quantity, of the actual quantity of C&D debris and contaminated soil removed from the site.

6.0 DEED RESTRICTION

The Deed restriction as required by the Record of Decision is included in Appendix I

TABLE 2

FINAL REMEDIAL CONSTRUCTION QUANTITIES AND COSTS

Base Bid

Bid Item	Description	Units	Bid Quantity	Final Quantity	Final Cost
1.	Mobilization/Demobilization	LS	1	1	$18,000.00
2.	Clearing and Debris Disposal	Ton	1,000	428	18,404.00
3.	Excavation and Disposal of Contaminated Soil	Ton	2,000	1388.77	43,051.87
4.	Backfill with Clean Soil	CY	1,200	1,224	18,360.00
5.	Seeding	SF	30,000	28,070	2,245.60
				Subtotal, Base Bid Items	**$100,061.47**
		Change Orders			
1. Overpack and Move Drum					$ 246.00
2. Analyze Drum Contents					900.00
3. Dispose of Drum					325.00
4. Additional Contaminated Soil Excavation Costs					1,021.00
				TOTAL, ALL ITEMS	**$102,553.47**

7.0 Institutional Control Plan

Institutional Controls must me implemented and maintained at the property in accordance with the requirements of the remediation State Assistance Contract (SAC) No. C301632 and the New York State Brownfield program.

7.1 Development Conditions

The following conditions shall be adhered to during the development of the subject property:

- Complete surface coverage of redeveloped parcel, prior to occupancy. Surface cover will be placed by the developer as a pre-condition of occupancy and will include pavement, buildings and a vegetated "clean" soil cover.

- Control of surface erosion and run-off during development of the property or parcel, including all construction activities.

- Criteria for determining the acceptability of off-site borrow sources for the final "clean" cover soil are based on values provided in NYSDEC TAGM #4046.

- Deed restrictions shall be implemented in accordance with the requirements of the deed specified in Section 6.0 of this report.

- The property shall not be used for any purpose other than the following: commercial /industrial uses contained within buildings, parking, streets, or public safety facilities, without prior written approval by the NYSDEC.

- Excavated soil from the site (such as for foundations, utilities etc.) may placed on the site as fill, graded and covered with topsoil and seeded as described below. Site soil that is excavated and is intended to be removed from the property must be managed, characterized, and properly disposed of in accordance with NYSDEC regulations and directives.

7.2 Final Site Surface Coverage

Surface coverage over the entire redeveloped parcel will be required by the developer or owner as a pre-condition of occupancy. Surface coverage will consist of a layer of topsoil with a vegetative cover (ie: grass), asphalt or concrete paving or buildings with concrete floors.

- Topsoil used for the final cover shall be fertile, friable, natural loam surface soil, capable of sustaining plant growth, free of, clods of hard

earth, plants & roots, sticks or other extraneous material harmful to plant growth.

- Topsoil shall be from an acceptable borrow source free of industrial and/or other potential sources of chemical contamination.

- The developer shall provide the location of the borrow source and sample of the topsoil for approval by the City prior to delivery on site.

7.3 Reporting

- The City/Owner shall complete and submit to the Department an Annual Report by January 15th of the following year. The Report shall be submitted until the Department notifies the City/Owner in writing that the remedial process has been completed. Such annual report shall contain certification that the institutional controls put in place, pursuit to the Final Remediation Report dated March 2001, are still in place, have not been altered and are still effective. A copy of the recommended NYSDEC Certification form is attached as Appendix J.

APPENDIX A

C&D DEBRIS: WEIGH TICKETS, WASTE PROFILE, AND WASTE MANIFESTS

WASTE MANAGEMENT
CHAFFEE LANDFILL
10880 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

Total Tonnage For 12/15/00 10E.14 TON ✓(CD.)

CHAFFEE LANDFILL

TICKET: 35740
DATE: 12/15/2000
TIME: 09:52 - 10:10

This is a Reprint Ticket

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: 863 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2921
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 55320 LBS Manual
TARE: 26800 LBS
NET: 28520 LBS
TONS: 14.26

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION T	T	14.26
FUELSUR/FUEL SU T		

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: _____

ARROW INDUSTRIES USA (631)738-9600

WASTE MANAGEMENT
CHAFFEE LANDFILL
10880 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35780
DATE: 12/15/2000
TIME: 11:25 - 11:38

This is a Reprint Ticket

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: 842 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2923
ROUTE: NA / Non App
P.O.:
COMMENT:

GROSS: 57320 LBS
TARE: 25520 LBS
NET: 31800 LBS
TONS: 15.9
GRID: 27 / 9F1540

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	15.9
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: _____

ARBOR INDUSTRIES USA (631)738-9600

WASTE MANAGEMENT
CHAFFEE LANDFILL
10660 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35885
DATE: 12/15/2000
TIME: 13:06 - 13:20

This is a Reprint Ticket

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: B1 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2925
ROUTE: NA / Non App GAID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 49080 LBS
TARE: 27080 LBS
NET: 22000 LBS
TONS: 11

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION T		11
FUELSUR/FUEL SU T		

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: _____

LABOR INDUSTRIES USA (631)738-9400

12/21/2000 16:24 7164955220 WM CHAFFEE SCALE PAGE 01

WM
WASTE MANAGEMENT
CHAFFEE LANDFILL
10800 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

Scott
433-0802

CHAFFEE LANDFILL

TICKET: 35859
DATE: 12/15/2000
TIME: 15:42 - 15:55

This is a Reprint Ticket

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: B1 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2927
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 53340 LBS
TARE: 27020 LBS
NET: 26320 LBS
TONS: 13.16

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	13.16
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: _____

ARBOR INDUSTRIES USA (631)980-9600

WASTE MANAGEMENT
CHAFFEE LANDFILL
10660 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35740
DATE: 12/15/2000
TIME: 09:52 - 10:10

This is a Reprint Ticket

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: 863 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2921
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 55320 LBS Manual
TARE: 26800 LBS
NET: 28520 LBS
TONS: 14.26

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	14.26
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN OUT OPERATOR: SUSAN

DRIVER: _____

TOTAL TONNAGE FOR 12/15/00 108.14 TON

✓(CD.)

ARBOR INDUSTRIES USA (631)738-9600

WM
WASTE MANAGEMENT
CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35753
DATE: 12/15/2000
TIME: 10:01 - 10:30

This is a Reprint Ticket

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: B1 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2922
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 49420 LBS
TARE: 27180 LBS
NET: 22240 LBS
TONS: 11.12

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	11.12
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: _____

ARBOR INDUSTRIES USA (631) 598-9600

WASTE MANAGEMENT
CHAFFEE LANDFILL
10880 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35780
DATE: 12/15/2000
TIME: 11:25 - 11:38

This is a Reprint Ticket

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: 842
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2923
ROUTE: NA / Non App
P.O.:
COMMENT:

GROSS: 57320 LBS
TARE: 25520 LBS
CUYDS: 0 NET: 31800 LBS
TONS: 15.9
BRID: 27 / 9F1540

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	15.9
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: _____

ARSCO INDUSTRIES USA (631)738-9400

WM CHAFFEE SCALE 7164965220 12/18/2000 11:58

WASTE MANAGEMENT
CHAFFEE LANDFILL
10000 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35790
DATE: 12/15/2000
TIME: 12:14 - 12:30

This is a Reprint Ticket

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: B63 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2924
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 54720 LBS
TARE: 26680 LBS
NET: 28040 LBS
TONS: 14.02

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION T		14.02
FUELSUR/FUEL SU T		

IN OPERATOR: JENNY JONES

OUT OPERATOR: JENNY JONES

DRIVER: _____

ARBOR INDUSTRIES USA (631)360-9600

PAGE 27
WM CHAFFEE SCALE
12/18/2000 11:50 7164366220
P.07
97%
7164366220
DEC-18-2000 11:07

WASTE MANAGEMENT
CHAFFEE LANDFILL
10880 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35885
DATE: 12/15/2000
TIME: 13:06 - 13:20

This is a Reprint Ticket

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: B1 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2925
ROUTE: NA / Non App GRID: 27 / 9F1548
P.O.:
COMMENT:

GROSS: 49080 LBS
TARE: 27080 LBS
NET: 22000 LBS
TONS: 11

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION T		11
FUELSUR/FUEL SU T		

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: _____

ABOR INDUSTRIES USA (631)738-9400

WM CHAFFEE SCALE
12/18/2000 11:58 7164965220
P.005
97%
7164965220
DEC-18-2000 11:00

WM CHAFFEE SCALE

12/18/2000 11:50 7164965220

WASTE MANAGEMENT
CHAFFEE LANDFILL
10880 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35838
DATE: 12/15/2000
TIME: 14:36 - 14:52

This is a Reprint Ticket

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: 842 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2926
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 56200 LBS
TARE: 25420 LBS
NET: 30780 LBS
TONS: 15.39

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	15.39
FUELBUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: _____

ARBOR INDUSTRIES USA (631)288-9600

CHAFFEE LANDFILL
10880 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-8888

Scott
433. 0802

CHAFFEE LANDFILL

TICKET: 35839
DATE: 12/15/2000
TIME: 15:42 - 15:55

This is a Reprint Ticket

CUSTOMER: 174-385 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: 81 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2927
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 53340 LBS
TARE: 27020 LBS
NET: 26320 LBS
TONS: 13.16

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION T		13.16
FUELSUR/FUEL SU T		

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: _____

WM CHAFFEE SCALE
PAGE 01
12/21/2000 16:24 7164985220 TOTAL P.02

WM CHAFFEE SCALE

12/16/2000 11:50 7164965220

ARBOR INDUSTRIES USA (631)738-9600

WASTE MANAGEMENT
CHAFFEE LANDFILL
10880 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35845
DATE: 12/15/2000
TIME: 14:54 - 15:05

This is a Reprint Ticket

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: 863 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2928
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 53000 LBS
TARE: 26420 LBS
NET: 26580 LBS
TONS: 13.29

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	13.29
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: _____

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35967
DATE: 12/18/2000
TIME: 12:48 - 13:02

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2937
ROUTE: NA / Non App GRID: 27,/ 9F1540
P.O.:
COMMENT:

GROSS: 65120 LBS
TARE: 27060 LBS
NET: 38060 LBS
TONS: 19.03

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	19.03
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: R Bush

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36038
DATE: 12/18/2000
TIME: 15:37 - 16:14

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA30 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST:
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 68280 LBS
TARE: 27020 LBS
NET: 41260 LBS
TONS: 20.63

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	20.63
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36009
DATE: 12/18/2000
TIME: 14:40 - 15:04

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA15 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2951
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 60120 LBS
TARE: 28180 LBS
NET: 31940 LBS
TONS: 15.97

COMMODITY	UNIT	QNTY
FUELSUR/FUEL SU	T	
CD/CONSTRUCTION	T	15.97

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35915
DATE: 12/18/2000
TIME: 09:10 - 09:26

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA40 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2929
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 71980 LBS
TARE: 27900 LBS
NET: 44080 LBS
TONS: 22.04

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	22.04
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: LL-40

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35925
DATE: 12/18/2000
TIME: 10:08 - 10:3+

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA30 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2931
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS:	67380	LBS
TARE:	27180	LBS
NET:	40200	LBS
TONS:	20.1	

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	20.1
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35928
DATE: 12/18/2000
TIME: 09:43 - 10:36

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2930
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 73500 LBS
TARE: 28460 LBS
NET: 45040 LBS
TONS: 22.52

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	22.52
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: R Beck

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35941
DATE: 12/18/2000
TIME: 10:43 - 10:59

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA27 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2933
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 63280 LBS
TARE: 27340 LBS
NET: 41940 LBS
TONS: 20.97

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	20.97
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT
CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35959
DATE: 12/18/2000
TIME: 11:19 - 12:1[illegible]

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA15 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2932
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 66460 LBS
TARE: 28040 LBS
NET: 38420 LBS
TONS: 19.21

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	19.21
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: JENNY [illegible]

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35962
DATE: 12/18/2000
TIME: 12:01 - 12:30

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA28 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2934
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 71060 LBS
TARE: 26980 LBS
NET: 44080 LBS
TONS: 22.04

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	22.04
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: JENNY

DRIVER: Neil Moore

WASTE MANAGEMENT

CHAFFEE LANDFILL
10560 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35972
DATE: 12/18/2000
TIME: 13:09 - 13:22

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA30 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2942
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 61280 LBS
TARE: 27160 LBS
NET: 34120 LBS
TONS: 17.06

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	17.06
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36017
DATE: 12/18/2000
TIME: 15:11 - 15:39

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA28 CUYDS: 0
TRAILER:
PROF #: CR9475 / C&D
MANIFEST: 2954
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 65360 LBS
TARE: 26960 LBS
NET: 38400 LBS
TONS: 19.2

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	19.2
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: Neil Moore

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36024
DATE: 12/18/2000
TIME: 15:24 - 16:00

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2936
ROUTE: NA / Non App GRID: 27 / SF1540
P.O.:
COMMENT:

GROSS: 64120 LBS
TARE: 26860 LBS
NET: 37260 LBS
TONS: 18.63

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	18.63
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSA

DRIVER: R Bush

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35992
DATE: 12/13/2000
TIME: 14:07 - 14:28

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA27 CUYDS: 0
TRAILER:
PROF #: CR9476 / C&D
MANIFEST: 2947
ROUTE: NA / Non App GRID: 27 / 9F1540
P.O.:
COMMENT:

GROSS: 64380 LBS
TARE: 27240 LBS
NET: 37140 LBS
TONS: 18.57

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	18.57
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: Jim Dwyer

2

LAKE FRONT RECYCLING INC.

LOAD TICKET

Date 1/8/01

Plant:
2 N. Steelawanna Avenue
Lackawanna, NY 14218
9 City Line South
Buffalo, NY 14220

Office:
303 Hopkins Street
Buffalo, NY 14220
(716) 821-9100
(716) 821-9102 Fax

Customer: SLC Contractors

Job Site: A Street Ticket #: _____

Trucker: LFR Truck #: _____

Truck Type: Roll off Plate #: _____

Load Size: 44 (3 loads) ☑ Tons ☐ Yards ☐ Other

Material Type: ☐ Waste Wood ☐ Greenery ☐ Fill ☐ Other

Describe: 3 40-yard Containers picked up a job-site 12/27/00 2 loads & 1/2/01 1 load. Total Tonnage 44 Tons.

☐ CHARGE ☐ CASH $_____ ☐ CHECK #_____

Limited Liability – Waste Material Acknowledgment: The material to be collected and disposed of by Lake Front Recycling, Inc. pursuant to this agreement is all recyclable materials generated by the Customer. Waste material specifically excludes and Customer agrees they did not deposit any radioactive, volatile, corrosive, highly flammable, explosive, biomedical, infectious, biohazardous material as defined by applicable federal, state, provincial or local laws or regulations.

Driver's Signature: _____

Load Inspected By: _____

5

NEI TRANSFER STATION
BLADELL

TICKET #11170

NEI Transfer Station - Bladell
Waste Management
NEI Transfer - 3675 Jeffrey Ave.
Bladell (716) 894-3766

CUSTOMER: 6906070 / SLC ENVIRONMENTAL SERVICES
GENERATOR: NA / Non App
LICENSE:
CARRIER: /
COMMENT:

	6 16	

GROSS 45820
TARE 33500
NET 1232
6.16

I certify that I have not disposed of any liquid or hazardous waste

Driver: Scott

Weighmaster:

Jennifer Howell

NEI Transfer Station - Blasdell
Casella Waste Management
NEI Transfer - 3675 Jeffrey Ave
Blasdell (716) 824-[illegible]

TICKET: [illegible]
DATE: 12/20/[illegible]
TIME: 10:45 - [illegible]

CUSTOMER: 6904882 / HURON RECOVERY OF NY INC
GENERATOR: NA / Non App
ORIGIN: NA / Non APP
TRUCK: 4206-30 LICENSE:
TRAILER:
COMMENT:

P.O.:
GROSS: 48720 LBS
TARE: 33160 LBS
NET: 15560 LBS

WASTE	QUANTITY	UNIT
8001 / MSW - ROLL OFF CUSTOMERS	7.78	T

I certify that I have not disposed
of any liquid or hazardous waste

Driver: _____ Weighmaster: _____

IN: Jennifer Howell 6: PSCALE_6L OUT: Jennifer Howell 6: PSCALE_6L

NEI 69
3675 JEFFREY BLVD
BLASDELL NY 14219

WORK ORDER

Work order: 28587
Cust#: 69-06074 9
Action Date: 12/15/00
Route code: 10
Truck:

Sut/30

Bill To
SLC ENVIRONMENTAL SERVICE
295 MILL ST
LOCKPORT NY 14094

Service Address
CORNER A & DONA ST
LACKAWANNA NY 14218

Created by: PFROST
716 998-6054

Ln#	Date	Qx	Cg	Qty	Description	Amount
01	12/15/00	30	OL		30 YD OT D & R/ C & D	

3 CANS /TIRES/C&D
Customer Signature: [signature]
Driver Signature:

SCHULTZ LANDFILL
3675 JEFFERY BLVD
BLASDELL, NY 14219
MON-FRI: 7:00AM-4:00PM PHONE:681-6874

TICKET: 6360
DATE: 12/15/2000
TIME: 15:12 - 15:29

CUSTOMER: INEI / INBOUND NEI
GENERATOR: NA / NON APP
ORIGIN: NA / NON APP
TRUCK: 4214 LICENSE:
TRAILER: /
COMMENT: 6074-9

PROFILE #: NA

P.O.:
GROSS: 40100 LBS MANUAL
TARE: 31220 LBS WEIGHT
NET: 8880 LBS

WASTE	QUANTITY	UNIT
4001 / CONSTRUCTION & DEMOLITION	4.44	
	4.44	

I CERTIFY THAT I HAVE NOT DISPOSED
OF ANY LIQUID OR HAZARDOUS WASTE

DRIVER: [signature] WEIGHMASTER: [signature]

IN: SCALE B: PCSCALE_SH OUT: SCALE B: PCSCALE_SH

DIAMOND HURWITZ SCRAP INC.

267 Manilla Street (Warehouse)
Buffalo, NY 14220
Phone (716) 823-2863 • Fax (716) 824-4154

PLATE # TX8758 DATE 12/27/00

NAME Artmeier Trucking

STREET Hopkins St.

CITY, STATE, ZIP Buffalo NY

☐ SALE ☑ PURCHASE DRIVER ☑ ON ☐ OFF

TIME 1:56 PM
DATE 12 27 00 42020

TIME 2:10 PM
DATE 12 27 00 38300

3720 lbs
candleware & concrete − 700
3020 lbs

1.51 Tons

CARRIER No.

CUSTOMER SIGNATURE

TICKET # 4093

WARNING: ***WE DO NOT ACCEPT ANY SCRAP CONTAINING FREON, GAS TANKS, PROPANE TANKS, FLUIDS OR ANY OTHER HAZARDOUS OR RADIOACTIVE MATERIAL.***

WASTE MANAGEMENT

GENERATOR'S WASTE PROFILE SHEET
CHAFFEE LANDFILL

PLEASE PRINT IN INK OR TYPE

Service Agreement on File? ☐ YES ☒ NO
☐ Hazardous ☒ Non-Hazardous ☐ TSCA

Profile Number: WM CR9476
Renewal Date: / /

A. Waste Generator Information

1. Generator Name: CITY OF LACKAWANNA
2. SIC Code:
3. Facility Street Address: "A" STREET # DOUGLAS ST.
4. Phone: (716) 856 5636
5. Facility City: LACKAWANNA
6. State/Province: NY
7. Zip/Postal Code: 14218
8. Generator USEPA/Federal ID #:
9. County: ERIE
10. State/Province ID #:
11. Customer Name: SLC ENVIRONMENTAL SERVICES
12. Customer Phone: (716) 1856-563
13. Customer Contact: Charles Dessel
14. Customer Fax: 716 856 [illegible]
15. Billing Address: 895 Mill St., Lockport NY 14094 ☐ Same as a

B. Waste Generation Information

1. Description
   a. Name of Waste: C&D
   b. Process Generating Waste: DEMOLITION

c. Color	d. Strong odor (describe):	e. Physical state @ 70°F	f. Layers	g. Free liquid ra
BLACK	NONE	☒ Solid ☐ Liquid ☐ Gas ☐ Sludge ☐ Other	☐ Single Layer ☐ Multi-layer	0 to 0
BROWN				h. pH: Range to
GRAY				

i. Liquid Flash Point: ☐ <73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥ 200°F ☒ Not applicab
j. Chemical Composition (List all constituents (including halogenated organics, cations, and UHC's) present in any concentration and submit representative analysis):

Constituents		Concentration Range	Constituents	Concentration
SOIL	C&D	10 - 50%		
CONCRETE	C&D	10 - 20%		
MASONARY	C&D	10 - 15%		
WOOD	C&D	10 - 15%		

[illegible]

k. ☐ Oxidizer ☐ Pyrophoric ☐ Explosive ☐ Radioactive ☐ Carcinogen ☐ Infectious ☐ Shock Sensitive ☐ Water Reactive
l. Does the waste represented by this profile contain any of the carcinogens which require OSHA notification? (list in Section B.1.j) ☐ YE
m. Does the waste represented by this profile contain dioxins? (list in Section B.1.j) ☐ YE
n. Does the waste represented by this profile contain asbestos? ☐ YE
If yes ☐ friable ☐ non-friable
o. Does the waste represented by this profile contain benzene? ☐ YE
If yes, concentration ____ ppm
Is the waste subject to the benzene waste operations NESHAP? ☐ YE
p. Is the waste subject to RCRA Subpart CC controls? ☐ YE
If yes, volatile organic concentration ____ ppmw
q. Does the waste contain any Class I or Class II ozone-depleting substances? ☐ YE
r. Does the waste contain debris? (list in Section B.1.j) ☒ YE

2. Quantity of Waste
Estimated Annual Volume 1500 TON ☒ Tons ☐ Yards ☐ Drums ☐ Other specify)

3. Shipping Information
   a. Packaging:
   ☒ Bulk Solid; Type/Size: 22 TRUCK TON ☐ Bulk Liquid; Type/Size:
   ☐ Drum; Type; Size: ☐ Other:
   b. Shipping Frequency: Units 1500 Per: ☐ Month ☐ Quarter ☐ Year ☐ One time ☒ Other
   c. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If no, skip d, e, and f) ☐
   d. Reportable Quantity (lbs.; kgs.): ____ e. Hazard Class/ID #: ____
   f. USDOT Shipping Name:

WASTE MANAGEMENT

GENERATOR'S WASTE PROFILE SHEET
CHAFFEE LANDFILL

PLEASE PRINT IN INK OR TYPE

g. Personal Protective Equipment Requirements: _____

h. Transporter & Transporter Number _____

C. Generator's Certification [illegible]

1. Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to 2. ☐YES ☒
   a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U) _____
   b. If a characteristic hazardous waste, do underlying hazardous constituents (UHCs) apply? (If yes, list in Section B.1.) ☐YES ☐NO
   c. Does this waste contain debris? (If yes, list size and type in Chemical Composition - B.1.) ☐YES ☐NO
2. Is this a state hazardous waste? ☐YES ☒
   Identify ALL state hazardous/non hazardous waste codes _____
3. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up? ☐YES ☒
   If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up activity. For state mandated clean-up, provide relevant documentation.
4. Does the waste represented by this waste profile sheet contain radioactive material, or is disposal regulated by the Nuclear Regulatory Commission? ☐YES ☒
5. Does the waste represented by this waste profile sheet contain concentrations of Polychlorinated Biphenyls (PCBs) regulated by 40 CFR 761? (If yes, list in Chemical Composition - B.1.) ☐YES ☒
   a. If yes, were the PCBs imported into the U.S.? ☐YES ☐NO
6. Do the waste profile sheet and all attachments contain true and accurate descriptions of the waste material, and has all relevant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste been disclosed to the Contractor? ☒YES
7. Will all changes which occur in the character of the waste be identified by the Generator and disclosed to the Contractor prior to providing the waste to the Contractor? ☒YES

☐Check here if a Certificate of Destruction or Disposal is required.

Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. I authorize WMI to obtain sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and acc information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and li for the waste that has been characterized and identified by this approved profile.

Certification Signature: Charles E. Dunn Title: Project Manager
Name (Type or Print): Charles E. Dunn Jr. Company Name: URS Date: 9/1
☐Check if additional information is attached. Indicate the number of attached pages

D. WMI Management Decision FOR WMI USE

1. Management Method ☒Landfill ☐Non-hazardous Solidification ☐Bioremediation ☐Incineration ☐Hazardous Stabilization ☐Other (Specify) _____
2. Proposed Ultimate Management Facility: Chaffee Landfill
3. Precautions, Special Handling Procedures, or Limitation on Approval _____
4. Waste Form _____ 5. Source _____ 6. System Type AD3

Special Waste Decision _____ ☒Approved ☐Disap
Salesperson's Signature: _____ Date: _____
NYSDEC Region 9 Approval: _____ Date: _____
Special Waste Approvals Person Signature: Jan L. Callahan Date: 12/14/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2921

Date: 12/15/00 Time: 8:30 AM

Generator: Lackawanna Business Park

NYSDEC B-0080-9

2560 Hamburg turnpike Lackawanna NY

Waste Description: C+D

Location: _____ Quantity: _____

Driver: _____ Truck #: B-63 Brown

TSDF Facility: _____

Received By: _____ Date: _____

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2922

Date: 12/15/00 Time: 8

Generator: Lackawanna Business Park

NYSDEC B-0080-9

2560 Hamburg turnpike Lackawanna NY

Waste Description: C+D

Location: _____ Quantity: _____

Driver: _____ Truck #: B-1 Brown

TSDF Facility: _____

Received By: _____ Date: _____

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2923

Date: 12/15/00 Time: 10 AM

Generator: Lackawanna Business Park

NYS DEC B-00F0-9

2560 Hamburg turnpike, Lackawanna NY

Waste
Description: C+D

Location: _____ Quantity: _____

Driver: _____ Truck #: B42
Brown

TSDF Facility: _____

Received By: _____ Date: _____

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2924

Date: 12/15/00 Time: 11:15 AM

Generator: Lackawanna Business Park

NYS DEC B-00F0-9

2560 Hamburg turn Pike, Lackawanna NY

Waste
Description: C+D

Location: _____ Quantity: _____

Driver: _____ Truck #: B-63
Brown

TSDF Facility: _____

Received By: _____ Date: _____

Waste Management of New York, LLC

10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2925

Date: 12/15/00 Time: 11 55 AM

Generator: Lackawanna Business Park

NYSDEC B-00F0-9

2560 Hom Burg turn Pike, Lackawanna NY

Waste
Description: C+D

Location: _____ Quantity: _____

Driver: _____ Truck #: B-1
BROWN

TSDF Facility: _____

Received By: _____ Date: _____

Waste Management of New York, LLC

10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2926

Date: 12/15/00 Time: 1 PM

Generator: Lackawanna Business Park

NYS DEC B00F0-9

2560 Hom Burg turn Pike, Lackawanna NY

Waste
Description: C+D

Location: _____ Quantity: _____

Driver: _____ Truck #: B-42
BROWN

TSDF Facility: _____

Received By: _____ Date: _____

Waste Management of New York, LLC

10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2927

Date: 12/15/00 Time: 2:20 PM

Generator: Lackawanna Business Park

NYSDEC B00880-9

2580 Hamburg Turn Pike Lackawanna NY

Waste
Description: C+D

Location: _____ Quantity: _____

Driver: _____ Truck #: B-1
Brown

TSDF Facility: _____

Received By: _____ Date: _____

Waste Management of New York, LLC

10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2928

Date: 12/15/00 Time: 1:15

Generator: Lackawanna Business Park

NYSDEC B00880-9

2560 Hamburg TurnPike, Lackawanna, NY

Waste
Description: C+D

Location: _____ Quantity: _____

Driver: _____ Truck #: B-63
Brown

TSDF Facility: _____

Received By: _____ Date: _____

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2929

Date: 12/18/00 Time: 730 hrs

Generator: Lackawanna Business Park Load #1

NYSDEC B-0080-9

2560 Hamburg Turnpike Lack. NY

Waste Description: C+D

Location: Quantity: 22 cy

Driver: tom Truck #: L-40 LCA

TSDF Facility:

Received By: Date:

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2930

Date: 12/18/00 Time: 745

Generator: Lackawanna Business Park Load #1

NYSDEC B-0080-9

2560 Hamburg Turnpike Lack, NY

Waste Description: C+D

Location: Quantity: 35 yds

Driver: Truck #: L-40 LCA

TSDF Facility:

Received By: Date:

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2931

Date: 12/18/00 Time: 8:30 Load 3

Generator: Lackawanna Business Park Load #2

NYSDEC B 00 80-9

256 Hamburg Turnpike Lack, NY 3 of 11

Waste
Description: C+D 35925

Location: _____ Quantity: 20.10 tons

Driver: _____ Truck #: A-30
LCA

TSDF Facility: _____

Received By: _____ Date: _____

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2932

Date: 12/18/00 Time: _____

Generator: Lackawanna Business Park Load #5

NYSDEC B-0080-9

Waste
Description: C+D

Location: _____ Quantity: 19.21 Ton

Driver: _____ Truck #: A-15
LCA

TSDF Facility: _____

Received By: _____ Date: _____

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2933

Date: 12/18/00 Time:

Generator: Lackawanna Business Park Load #4

NYSDEC B-0080-9

Waste Description: (+1)

Location: Quantity: 20.97 ton

Driver: Tim T. Truck #: 1-27 LCA

TSDF Facility:

Received By: Date:

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2934

Date: 12/18/00 Time: Load #6

Generator: Lackawanna Business Park

NYSDEC B0080-9

2560 Hamburg Turnpike Lock #4

Waste Description: (+1) #35962

Location: Quantity: 22.04

Driver: Truck #: 1-28 LCA

TSDF Facility:

Received By: Date:

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A Ld 12

WASTE MANIFEST

No. 2936

Date: 12-18-00 Time: IN 1:55 OUT 2:30

Generator: Lackawanna Business Park
NYS. DEC. B-0080-9

Waste Description: C & D

Location: Quantity: 18.63

Driver: R. Bush Truck #: A25

TSDF Facility: WM Chaffee Landfill HH 36024

Received By: S Brockris Date: 12/18/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A Ld 7

WASTE MANIFEST

No. 2937

Date: 12.18.00 Time: IN 11:20 OUT 11:50

Generator: Lackawanna. Business Park
NYS DEC B-0080-9
2560 Hamburg Turnpike Lack NY

Waste Description: C & D.

Location: Quantity: 19.03

Driver: R. Bush Truck #: A25

TSDF Facility: WM Chaffee Landfill HH 35967

Received By: S Brockris Date: 12/18/00

Waste Management of New York, LLC (8)
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2942

Date: 12/18/00 Time: 11:25 AM

Generator: LACKAWANNA BUSINESS PARK
NYS Dec B 0080-9
2560 HamBurg TurnPike Lack. N.Y.

Waste Description: C+D

Location: Quantity: 17.06

Driver: DUANE WYGANT Truck #: A30

TSDF Facility: WM Chaffee Landfill HT 35972

Received By: S Blactrus Date: 12/18/00

Waste Management of New York, LLC (13)
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2943

Date: 12/18/00 Time: 2:10pm (13)

Generator: LACKAWANNA BUSINESS PARK
NYS Dec B0080-9
2560 HamBurg Turnpike Lack. NY

Waste Description: C+D

Location: Quantity: 20.63

Driver: DUANE WYGANT Truck #: A30

TSDF Facility: WM Chaffee Landfill HT 36028

[illegible] 12/18/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2947

Date: 12/18/00 Time: In 12:10pm Out 1:10

Generator: Lakawanna Business Park.

N950FC - B-0080-9 Load 8#

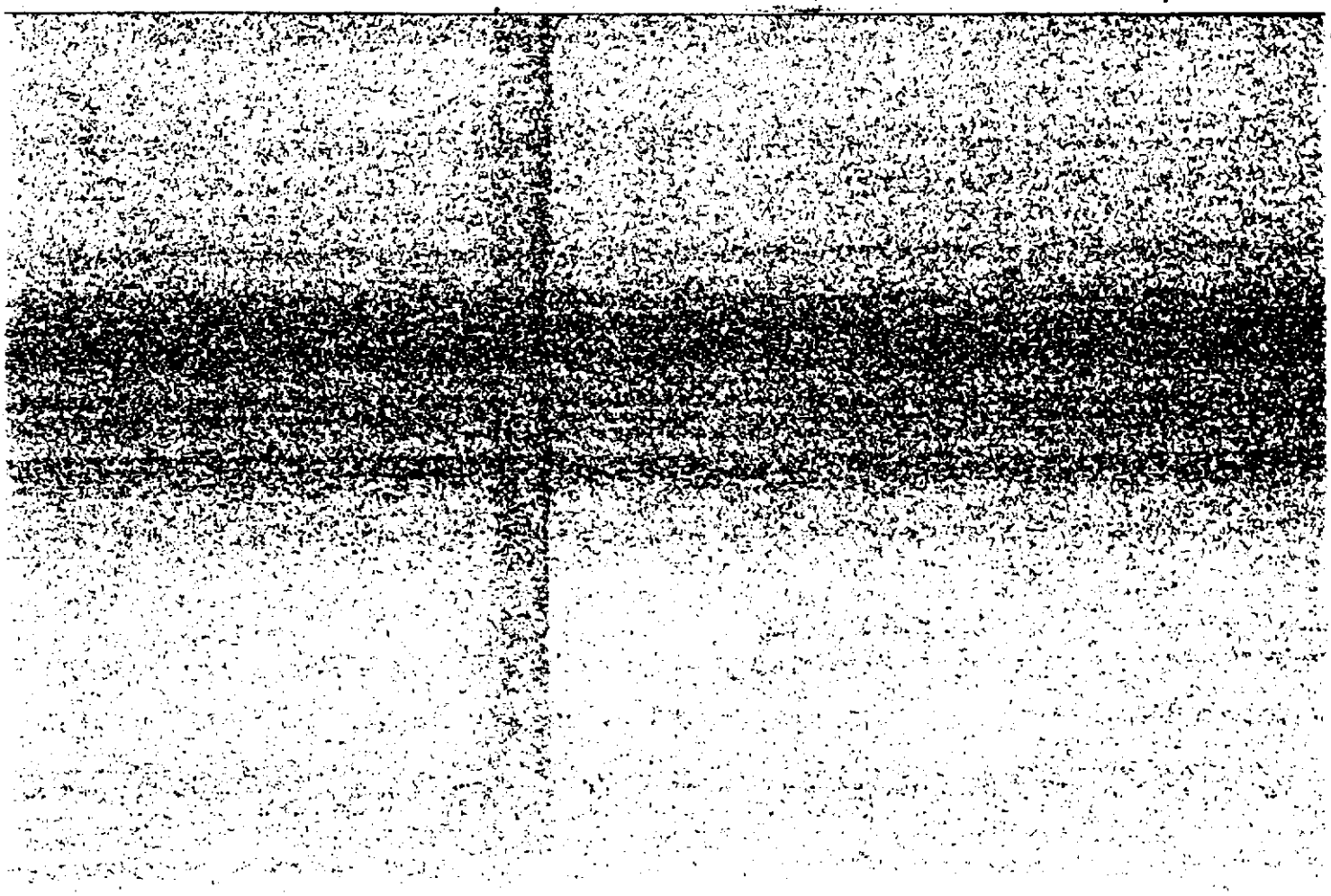
Waste Description: C+D

Location: Quantity: 18.51

Driver: Tim T. Truck #: A-27

TSDF Facility: WM Chaffee Landfill HH 35992

Received By: S Bruckus Date: 12/18/00



APPENDIX B

DRUM: ANALYTICAL RESULTS AND DISPOSAL DOCUMENTATION

RECEIVED
URS Greiner Woodward Clyde
JAN 17 2001
JOB # 05000358 15(C-1)

cc: CD
JL

SLC
ENVIRONMENTAL SERVICES
295 Mill Street • Lockport, New York 14094
Phone: (716) 433-0776
Fax: (716) 433-0802

FAX TRANSMITTAL COVER SHEET

TO: Jim Monnin DATE: 1/17/01 TIME: 10:35 AM

CO: URS Corp. FAX NO.: 856 2545

FROM: Scott Pfohl PAGES (including this page): 9

Extension 231

CONFIRMATION UPON RECEIPT: ☐ Yes ☐ No

ORIGINAL TO FOLLOW VIA: ☐ US Mail ☐ Overnight ☐ Modem ☐ N/A

MESSAGE: Jim, Here are the results from the drum in Lackawanna, I am scheduling pick-up

Call me with any questions

Thanks, Scott

Celebrating 25 Years of Construction and Remediation Services

SAFETY ECONOMY SLC 2000/25 QUALITY

WWW.SLCENVIRONMENTAL.COM

Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390 888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369 800 - 843 - 5227

LABORATORY REPORT - MISC

Cust SLC ENVIRONMENTAL
Address: 295 MILL STREET
LOCKPORT, N.Y. 14094
Attn: SCOTT PFOHL

Phone 433-0776
FAX 433-0802

PO Number: 00-119-016
Project Number:
Project Cust:
Project Site:
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type
Detection Limits = Water=mg/L or PPM
Soil=mg/Kg or PPM

Sample ID (LAB)	**39878**	
Sample ID#1(CUST)	**DRUM**	
Sample ID#2(CUST)		
Matrix	**SLUDGE**	
Sampled By	**LYLE EMERSON**	
Date Sampled	**12/28/00**	**12:00**
Date Received	**12/29/00**	**08:00**
Date Analyzed	**12/09/01**	
Date Reported	**12/09/01**	

Ignitability: **Negative , No flash to 140F/60C**

Corrosivity: **pH=6.32**

Reactivity: **Sulfide: < 20 PPM**
Cyanide: < 20 PPM

BTU **19139 BTU/LB**

< DL(U)= analyzed but not detected
L= estimated value
B=analyte found in blank
E=exceed calibration range

RESULTS WHEN YOU WANT THEM

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY
10390

Client: SLC Environmental
295 Mill Street
Lockport, NY 14094

Attn: Scott Pfohl
Client PO Number: 00-119-016

Date Received: 12/29/00
Laboratory No.: 11385
Report Date: 1/9/01

SAMPLE INFORMATION

Sample Date: 12/28/00
Sampler: Client

Matrix: Other

LABORATORY REPORT

Lozier Sample ID: 11385-1
ExpressLab Sample ID: 38878
SLC Env. Sample ID: Drum

PARAMETER		Units	Method Number	Analysis Date
TCLP Arsenic	<0.005	mg/l	EPA 6010B	1/8/01
TCLP Selenium	0.073	mg/l	EPA 6010B	1/8/01
TCLP Cadmium	<0.001	mg/l	EPA 6010B	1/8/01
TCLP Chromium	0.026	mg/l	EPA 6010B	1/8/01
TCLP Barium	0.054	mg/l	EPA 6010B	1/8/01
TCLP Silver	<0.005	mg/l	EPA 6010B	1/8/01
TCLP Lead	0.171	mg/l	EPA 6010B	1/8/01
TCLP Mercury	<0.002	mg/l	EPA 7470	1/5/01

Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369 800 - 843 - 5227

LABORATORY REPORT - 8270 TCLP

Cust SLC ENVIRONMENTAL
Address: 295 MILL STREET
LOCKPORT, N.Y. 14094
Attn: SCOTT PFOHL

Phone 433-0776
FAX 433-0802

PO Number: 00-119-016
Project Number:
Project Cust:
Project Site:
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type: Detection Limits in small print
Detection Limits* = Water=mg/L ppm
*See Individual Limit

Results shown are: TCLP 8270 Compounds
Extraction Method: EPA 3510 Liquid-Liquid
Analysis Method: EPA 8270 GC/MS

	39878	
Sample ID (LAB)		
Sample ID#1(CUST)	DRUM	
Sample ID#2(CUST)		
Matrix	SLUDGE	
Sampled By	LYLE EMERSON	
Date Sampled	12/28/00	12:00
Date Received	12/29/00	08:00
Date Analyzed	01/03/01	
Date Reported	01/04/01	

	Results	Det Limit*
2-Methylphenol	< DL(U)	0.013
3&4-Methylphenol	< DL(U)	0.025
Hexachlorobenzene	< DL(U)	0.013
Hexachlorobutadiene	< DL(U)	0.013
Hexachloroethane	< DL(U)	0.013
Nitrobenzene	< DL(U)	0.013
Pentachlorophenol	< DL(U)	0.013
Pyridine	< DL(U)	0.013
2,4,5-Trichlorophenol	< DL(U)	0.013
2,4,6-Trichlorophenol	< DL(U)	0.013
2,4-Dinitrotoluene	< DL(U)	0.013
1,4-Dichlorobenzene	< DL(U)	0.013

* DL = Detection Limit

RESULTS WHEN YOU WANT THEM

Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369 800 - 843 - 5227

LABORATORY REPORT - PCB's by 8080

Cust SLC ENVIRONMENTAL
Address: 295 MILL STREET
LOCKPORT, N.Y. 14094
Attn: SCOTT PFOHL

Phone 433-0776
FAX 433-0802

PO Number: 00-119-016
Project Number:
Project Cust:
Project Site:
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type: Detection Limits in small print

Detection Limits* = Oil-ug/kg (ppb)
*See Individual Limit

Extraction Method: 3580 Waste Dilution
Analysis Method: EPA 8080 GC with ECD

Sample ID (LAB)	39878	
Sample ID#1(CUST)	DRUM	
Sample ID#2CUST)		
Matrix	SLUDGE	
Sampled By	LYLE EMERSON	
Date Sampled	12/28/00 12:00	
Date Received	12/29/00 8:00	
Date Analyzed	1/3/01	
Date Reported	1/4/01	
	Results	**Det Limit***
Aroclor 1016	< DL(U)	500.0
Aroclor 1221	< DL(U)	500.0
Aroclor 1232	< DL(U)	500.0
Aroclor 1242	< DL(U)	500.0
Aroclor 1248	< DL(U)	500.0
Aroclor 1254	< DL(U)	500.0
Aroclor 1260	< DL(U)	500.0

< DL(U)=analyzed but not detected
L=estimated value
B=analyte found in blank
E=exceed calibration range

* DL = Detection Limit

Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390 888 - 841 - 5227
☐ EXPRESSLAB, Inc., #11369 800 - 843 - 5227

LABORATORY REPORT - METHOD 8080

Cust SLC ENVIRONMENTAL
Address: 295 MILL STREET
LOCKPORT, N.Y. 14094
Attn: SCOTT PFOHL

Phone 433-0776
FAX 433-0802

PO Number: 00-119-016
Project Number:
Project Cust:
Project Site:
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* Soil=ug/kg ppb
*See Individual Limit Water=ug/L ppb

Results shown are: **Pesticides only**
Extraction Method: **EPA 3580**
Analysis Method: **EPA 8080 GC ECD**

Sample ID (LAB)	39878
Sample ID#1(CUST)	DRUM
Sample ID#2CUST)	
Matrix	SLUDGE
Sampled By	LYLE EMERSON
Date Sampled	12/28/00
Date Received	12/29/00 8:00
Date Analyzed	1/4/01
Date Reported	1/4/01

	Results	Det Limit*		Results	Det Limit*
Alpha BHC	< DL(U)	50.0	**4-4' DDT**	< DL(U)	200.0
Beta BHC	< DL(U)	100.0	**Endrin Aldehyde**	< DL(U)	250.0
Gamma BHC	< DL(U)	50.0	**Endosulfan Sulfate**	< DL(U)	200.0
Heptachlor	< DL(U)	100.0	**Methoxychlor**	< DL(U)	1000.0
Delta BHC	< DL(U)	100.0	**Endrin Ketone**	< DL(U)	200.0
Aldrin	< DL(U)	100.0			
Heptachlor Epoxide	< DL(U)	100.0			
Gamma Chlordane	< DL(U)	100.0			
Alpha Chlordane	< DL(U)	100.0			
Endosulfan I	< DL(U)	100.0			
4,4' DDE	< DL(U)	100.0			
Dieldrin	< DL(U)	100.0			
Endrin	< DL(U)	100.0			
4,4' DDD	< DL(U)	200.0			
Endsulfan II	< DL(U)	200.0			

< DL(U)=analyzed but not detected
L=estimated value
B=analyte found in blank
E=exceed calibration range

* DL = Detection Limit

Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390 888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369 800 - 843 - 5227

LABORATORY REPORT - TCLP 8260

Cust SLC ENVIRONMENTAL
Address: 295 MILL STREET
LOCKPORT, N.Y. 14094
Attn: SCOTT PFOHL

Phone 433-0776
FAX 433-0802

PO Number: 00-119-016
Project Number:
Project Cust:
Project Site:
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* : Soil=ug/kg ppb
*See individual Limit Water=ug/L ppb

Results shown are: Volatile Organic Analytes
Extraction Method: EPA 5030 Purge & Trap
Analysis Method: EPA 8260 GC/MS

Sample ID (LAB)	39878	
Sample ID#1(CUST)	DRUM	
Sample ID#2(CUST)		
Matrix	SLUDGE	
Sampled By	LYLE EMERSON	
Date Sampled	12/28/00	12:00
Date Received	12/29/00	08:00
Date Analyzed	01/05/01	
Date Reported	01/05/01	

	Results	Det Limit*
Vinyl Chloride	<DL(U)	2.0
1,1-Dichloroethene	<DL(U)	2.0
Methyl ethyl ketone	<DL(U)	2.0
Chloroform	<DL(U)	2.0
1,1-Dichloropropene	<DL(U)	2.0
Carbon Tetrachloride	<DL(U)	2.0
1,2-Dichloroethane	<DL(U)	2.0
Trichloroethene	<DL(U)	2.0
Benzene	<DL(U)	2.0
Tetrachloroethene	<DL(U)	2.0
Chlorobenzene	<DL(U)	2.0
Hexachlorobutadiene	<DL(U)	2.0
1,4-Dichlorobenzene	<DL(U)	2.0

< DL(U)= analyzed but not detected
L= estimated value
B=analyte found in blank
E=exceed calibration range
J= < pql but > MDL

* DL = Detection Limit

Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390 888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369 800 - 843 - 5227

LABORATORY REPORT - TCLP 8150

Cust	SLC ENVIRONMENTAL
Address:	295 MILL STREET
	LOCKPORT, N.Y. 14094
Attn:	SCOTT PFOHL
Phone	433-0776
FAX	433-0802

PO Number:	00-119-016
Project Number:	
Project Cust:	
Project Site:	
Date FAXED:	
Lab Director	

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type: Detection Limits in small print

Detection Limits* = Soil=ug/kg ppb

*See Individual Limit Water=ug/L ppb

Extraction Method: 8150

Analysis Method: EPA 8150 GC with ECD

Sample ID (LAB)	39878	
Sample ID#1(CUST)	DRUM	
Sample ID#2CUST)		
Matrix	SLUDGE	
Sampled By	LYLE EMERSON	
Date Sampled	12/28/00	12:00
Date Received	12/29/00	8:00
Date Analyzed	1/5/01	
Date Reported	1/08/01	

	Results	Det Limit*
Dicamba	< DL(U)	1.0
2,4-D	< DL(U)	1.0
Silvex	< DL(U)	1.0
2,4,5-T	< DL(U)	1.0

< DL(U)=analyzed but not detected

E=estimated value

B=analyte found in blank

E=exceed calibration range

ANALYSIS PERFORMED ON TCLP EXTRACT (WATER).

* DL = Detection Limit

RESULTS WHEN YOU WANT THEM PCB

COPY

EXPRESSLAB WORKORDER

P.O. Box 40, 5611 Water Street, Middlesex, NY 14507
NY #11369 NJ #73744 CA #2055 SC #91011
Phone #: 800-843-5227
Fax #: 716-554-4114

"Specializing in Environmental Soil Tests"

5 days

Date Due: 1/5/01

☒ Standard Service ☐ Rush Service

Customer: SLC ENVIRONMENTAL
Address: 295 MILL ST.
City/State/Zip: LOCKPORT NY 14094
Phone: (716) 433-0776
Fax: ( ) -0802
Contact: SCOTT DECHL

SLC PO No.: 00-119-016
Project No.:
Project Cust.:
Project Site:
Spill No.:
Pin No.:

Sample Demographics and Parameters for Analysis

Special Instructions:

Suspect Ingredient: ☐ Diesel ☐ Gasoline ☐ Oil

Parameters for Analysis

Date	Time	Sample Description & Location	MATRIX Aqueous	Soil	Other	Full TCLP	Ph	Reactivity	Flash Pt.	BTU
1. 12/28/00	12:00 pm	DRUM			X	X	X	X	X	X
2.										
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.										
11.										

Chain of Custody Record

of Samples:
# of Containers: 6
Sampler: LYLE EMERSON
Signature:

Samples Sent By: ☐ ExpressMail ☒ Hand Delivery
Custody Seal Intact? ☒ Yes ☐ No ☐ N/A
Shipment Complete? ☒ Yes ☐ No ☐ N/A
Temperature: 4° Fahrenheit

SAMPLES RELINQUISHED BY Name & Signature	Date & Time	SAMPLES RECEIVED BY Name & Signature	Date & Time
1		1 [signature]	12/28/00 1500
2		2	
3		Received for Laboratory By: [signature]	12/29/00 8:10

"Results when YOU want them!"

URS

January 26, 2001

Mr. Drew B. Shapiro
EDZ Director
Lackawanna Economic Development Zone
697 Ridge Road – Second Floor
Lackawanna, New York 14218

Re: Lackawanna Business Park Site
NYSDEC Site No. B-00080-9
Drum Removal

Dear Mr. Shapiro:

This letter is to inform you that on Friday, January 26, 2001, the drum was removed from the above-referenced site.

SLC subcontracted Frank's Vacuum Services to pick up and transport the drum. A copy of the Manifest is attached for your file.

Call if you have any questions.

Very truly yours,

URS Corporation Group Consultants

Charles E. Dusel, Jr./ajp

Charles E. Dusel, Jr.
Project Manager

Enclosure

cc: Gregory P. Sutton, P.E., NYSDEC – Buffalo
Chris Pawenski, Erie County Dept. of Environment and Planning
J. Monnin, URS – Buffalo
File: 35815.00 (C-1)

URS Corporation
282 Delaware Avenue
Buffalo, NY 14202-1805
Tel: 716.856.5636
Fax: 716.856.2545

J:\35815.01\word\cor\Drum Removal.doc

62990

FRANK'S VACUUM TRUCK SERVICE, INC.
4500 Royal Avenue • Niagara Falls, New York 14303
(716) 284-2132

NYDEC #9A-332
EPA ID # NYD982792814

PICK UP		DELIVERY	
NAME	CITY OF LACKAWANNA	NAME	YEXOR
STREET	INTERSECTION A & DONA ST	STREET	966 WEST SMITH RD
CITY / STATE / ZIP CODE	LACKAWANNA, NY	CITY / STATE / ZIP CODE	MEDINA, OH
CONTACT NAME	SCOTT 432-0776	CONTACT NAME	LISA 330-721-9773
SCHEDULED TIME	01/26/2001	SCHEDULED TIME	

ADDITIONAL INFORMATION

NON HAZARDOUS NON REGULATED

CUSTOMER P.O. NO.	WORK ORDER NUMBER	[redacted]	BILLING REFERENCE
00119020			SLCLOCKPNY
LOAD NUMBER	TRACTOR NUMBER	TRAILER NUMBER	DRIVER'S NAME
45075	64	114 H	BARRD

NUMBER & TYPES	WEIGHT OR VOLUME	HAZ. MAT.	[redacted]	
1 DM	8 g		[illegible]	

TYPE (CIRCLE ONE)	PLACARDS PROVIDED OR AFFIXED		WHEN "RQ" QUANTITY RELEASED INTO ENVIRONMENT, IMMEDIATELY NOTIFY NAT. RESPONSE CENTER - 800-424-8802 AND 911 EMERGENCY SYSTEM OR LOCAL OPERATOR	EMERGENCY RESPONSE PHONE NUMBER:
TANK (S/S) (R/L)				
VAC				
DUMP	SHIPPER'S CHECK LIST			
VAN	DOT LABELS APPLIED AND SECURE	DOT AUTHORIZED CONTAINERS		
ROLL-OFF	PROPER DOT NAME ON ALL PACKAGES	CHECKED FOR PROPER SEALING		
FLATBED				

	DELIVERY
ARRIVAL DATE 1-2-601	DRIVER _____ DATE _____
ARRIVAL TIME 2:15 AM PM RELEASE TIME 2:45 AM PM	ARRIVAL TIME _____ AM PM RELEASE TIME _____ AM PM
TRAILER EMPTY UPON ARRIVAL ☐ YES ☐ NO (If not, explain below)	TRAILER EMPTY UPON DEPARTURE ☐ YES ☐ NO (If not, explain below)
DIP MEASUREMENT (Tankers Only) _____ INCHES	COMMENTS: (EXPLAIN ALL DELAYS) _____
COMMENTS: (EXPLAIN ALL DELAYS) _____	
[illegible]	

SHIPPERS CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

X _____ TITLE _____
SHIPPER'S SIGNATURE

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X _____
CONSIGNEE'S SIGNATURE

GENERATOR

RECEIVED
URS Greiner Woodward Clyde
JAN 1 9 2001
JOB # 05000035815

SLC
ENVIRONMENTAL SERVICES
295 Mill Street • Lockport, New York 14094
Phone: (716) 433-0776
Fax: (716) 433-0802

CC: CD
Drew Shapiro City
Greg Sutton - DEC

FAX TRANSMITTAL COVER SHEET

TO: CHUCK DUSEL **DATE:** 1/19/01 **TIME:** 2:50 pm

CO: URS **FAX NO.:** 856 2545

FROM: SCOTT PFOHL **PAGES** (including this page): 2

Extension 231

CONFIRMATION UPON RECEIPT: ☐ Yes ☐ No

ORIGINAL TO FOLLOW VIA: ☐ US Mail ☐ Overnight ☐ Modem ☐ N/A

MESSAGE: CHUCK, CAN YOU PLEASE HAVE THE PROFILE SIGNED & FAXED BACK

TOTAL PRICE TBD FOR THIS DRUM IS $325.00

I signed and faxed back 1/19/01 C. Dusel

Celebrating 25 Years of Construction and Remediation Services

WWW.SLCENVIRONMENTAL.COM

VEXOR Technology, Inc.
955 West Smith Road
Medina, Ohio 44256
Phone: 330-721-9773
FAX: 330-721-9438
EPA ID# OHD 077772895

MATERIAL CHARACTERIZATION

Generator # _____
VEX # _____
Sample # _____
Sales Rep _____
Date Received _____

Generator _____
Site Address _____
City _____ State ____ ZIP _____
Phone _____ Fax _____
EPA ID# _____ SIC Code _____
Technical Contact _____
Title _____ e-mail _____

Bill To Name FRANKS VACUUM TRUCK SERVICE
Site Address 4500 ROYAL AVE
City Niagara Falls State NY ZIP 14303
Phone 716 284 2132 Fax 716 284 2138
Business Contact PIER MANELLI
Title Sales e-mail _____

MATERIAL DESCRIPTION

Name and Description of Material: Roofing Tar
Process Generating Material: leftover product U.S. EPA Hazardous Waste: ___Yes X No
Method of Shipment: ___Bulk 1 Drum ___Tote ___Cubic Yd Box ___ Other/Explain: _____
Estimated Annual Volume: ____Cubic Yards ____ Tons ____ Gallons 1 Drums
Frequency: 1 One Time Only ____ Daily ____ Weekly ____ Monthly ____ Other/Explain _____
Special Handling Instructions: none Approximate Drum Weight 300 lbs

MATERIAL PROPERTIES AT 78°F

a) Physical State: ____Solid X Semi-solid ____ Powder ____ Liquid ____ Phases
b) Reactivity: ____Water reactive ____ Acid Reactive ____ Alkaline Reactive ____ Oxidizer ____ Autoserring X None
c) Flash Point, °F: ____ ≤ 72 ____ >72-100 ____ >100-140 ____ >140-200 X >200 ____ NA
d) S. G./Density 1.2 e) pH: ____ ≤ 2 ____ >2 – 6 ____ >6 – 9 X >9 – <12.5 ____ ≥12.5 ____NA
f) Odor: ____None X Mild ____ Strong : Describe: _____ g) Color _____
h) Total Organic Halogen (TOX) X 0 ppm ____ <1000 ppm ____ >1000 ppm* *Does this material meet the rebuttable presumption rule of 40CFR, 261.3 ? ____Y/N i) Does this material contain: PCBs X 0 ppm ____ 1-49 ppm* ____ equal to or > 50 ppm *Supporting analysis and documentation required.

MATERIAL COMPOSITION: List all components, add up to 100%.

Constituent	Range % (wt-vol)	
	Min	Max
ROOFING TAR	100	100
A combined total should equal 100%		

Above is based on: Generator Knowledge ____ Analytical Data X
Please attach analysis, TCLP information and appropriate MSDS sheets.
SAMPLE SUBMITTED WITH THIS PROFILE: Yes (No)

For VEXOR Use Only

Evaluated by: _____
Approved – Treatment: _____
Rejected – Reason: _____
Date Completed: _____
Price: _____/Unit_____
Approved By: _____ Date: _____

07

GENERATOR CERTIFICATION

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the material being offered for disposal. Sam of this material submitted to VEXOR are representative of the material described in this profile. I further certify that by utilizing this profile, neither myself nor any other emp of the company will deliver for treatment, processing or recycling or attempt to deliver for same any material that is classified as toxic waste, hazardous waste, medical or inf waste or any other material that this facility is prohibited from accepting by law.

Authorized Representative Name(Printed) X Charles E. Duvel Jr. Company URS
Authorized Representative Signature: C. Duvel Title: Project Manager Date: 1/19/01

APPENDIX C

CONTAMINATED SOIL:
ANALYTICAL RESULTS AND
QC ANALYSIS RESULT REPORTS

WASTE STREAM TECHNOLOGY, INC.
302 Grote Street
Buffalo, NY 14207
(716) 876-5290

Analytical Data Report
Report Date : 12/29/00
Group Numbers : 2001-2636

Prepared For :
Mr. Charles Ducel
URS Corporation Group Consultants
282 Delaware Ave.
Buffalo, NY 14202-1090

Site: Amadori Construction

Analytical Parameters	Analytical Services Number of Samples	Turnaround Time
Total Chromium	2	Standard

Report Released By : Daniel W. Vollmer

Daniel Vollmer, Laboratory QA/QC Officer

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977

2001-2636

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 35815.03

SITE NAME AMADORI CONST

SAMPLERS (PRINT/SIGNATURE) JIM MONNIN / Jim Monnin

DELIVERY SERVICE: HAND DELIVERED AIRBILL NO.: —

LAB WASTE STREAM

COOLER 1 of 1

PAGE 1 of 1

TESTS: TOTAL CHROMIUM

BOTTLE TYPE AND PRESERVATIVE: 1-402 GLASS

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. (IFPRMS ONLY)
LBP	12/26/00	1200	COMP	SW3A	SO	2	WS75402	N	1'	1'	
LBP	12/26/00	1230	COMP	SW1A	SO		WS75403	N	1'	1'	

MATRIX CODES

AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES

TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FB# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
Jim Monnin	12/26/00	0800		12/27/00	800
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME
				12/27/00	0815

SPECIAL INSTRUCTIONS: CALL CHUCK OUSEL (URS) W/RESULTS AS SOON AS POSSIBLE. (716) 856-5636

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/CoICR/GCM

Waste Stream Technology, Inc.
302 Grote Street
Buffalo, NY 14207
(716) 876-5290

Analytical Data Report

Group Number: 2001-2636

Site: Amadori Construction

Field and Laboratory Information

WST ID	Client ID	Matrix	Date Sampled	Date Received	Time
WS75402	SW3A	Soil	12/26/00	12/27/00	08:15
WS75403	SW1A	Soil	12/26/00	12/27/00	08:15

METHODOLOGIES

The specific methodologies employed in obtaining the analytical data reported are indicated on each of the result forms. The method numbers shown refer to the following U.S. Environmental Protection Agency Reference:

Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020, March 1979, Revised 1983, U.S. Environmental Monitoring and Support Laboratory, Cincinnati, Ohio 45268.

Federal Register, 40 CFR Part 136: Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act. Revised July 1992.

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. Third Edition, Revised December 1996, U.S. EPA SW-846.

Annual Book of ASTM Standards, Volume II. ASTM, 100 Harbor Drive, West Conshohocken, PA 19428-2959.

Standard Methods for the Examination of Water and Wastewater. (20th Edition). American Public Health Association, 1105 18th Street, NW. Washington, D.C. 20036.

Waste Stream Technology, Inc.

Metals Analysis Report

Chromium by ICP

SW-846 6010

Site: Amadori Construction
Date Received: 12/27/00

Group Number: 2001-2636
Units: mg/Kg
Matrix: Soil

Date Sampled: 12/26/00

WST ID	Client ID	Date Digested	Detection Limit	Result	Date Analyzed
WS75402	SW9A	12/27/00	1.00	16.5	12/28/00
WS75403	SW1A	12/28/00	1.00	21.4	12/28/00

* * * COMMUNICATION RESULT REPORT (DEC.29.2000 11:53AM) * * *

TTI WASTE STREAM TECH

FILE	MODE	OPTION	ADDRESS (GROUP)	RESULT	PAGE
681	MEMORY TX		8562545	OK	P. 4/4

REASON FOR ERROR
E-1) HANG UP OR LINE FAIL
E-2) BUSY
E-3) NO ANSWER
E-4) NO FACSIMILE CONNECTION

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street
Buffalo, NY 14207
(716) 876-5290

Analytical Data Report
Report Date : 12/29/00
Group Numbers : 2001-2636

Prepared For :
Mr. Charles Ducel
URS Corporation Group Consultants
282 Delaware Ave.
Buffalo, NY 14202-1090

Site: Amadori Construction

Analytical Parameters	Analytical Services Number of Samples	Turnaround Time
Total Chromium	2	Standard

Quality Control Analysis Result Reports

Waste Stream Technology, Inc.

Metals Analysis Result Report
Method Blank Analysis Summary

Site : Amadori Construction
Group Number: 2001-2636

Report Units: mg/Kg
Matrix: Soil

	Lab ID	MB122700 S1		
	Date Digested	12/27/00		
Analyte	Detection Limit	Result	Date Analyzed	Analysis Method
Chromium	1.00	Not Detected	12/28/00	SW-846 6010B

	Lab ID	MB122800 S1		
	Date Digested	12/28/00		
Analyte	Detection Limit	Result	Date Analyzed	Analysis Method
Chromium	1.00	Not Detected	12/28/00	SW-846 6010B

MB denotes Method Blank

Waste Stream Technology Inc

Metals Analysis Result Report
Laboratory Control Sample (LCS) Analysis Summary

Site : Amadori Construction
Group Number: 2001-2636

Report Units: % Recovery
Matrix: Soil

	Lab ID	RF122800 S1			
	Date Digested	12/28/00			
Analyte	LCS % Recovery QC Limits	Spike Amount (mg/Kg)	LCS Result % Recovery	Date Analyzed	Analysis Method
Chromium	85 - 115	100	104	12/28/00	SW-846 6010B

RF denotes Laboratory Control Sample.

Waste Stream Technology, Inc.

Total Metals Analysis Result Report
Duplicate Sample Analysis Summary

Site : Amadori Construction
Group Number : 2001-2636

Report Units : mg/Kg
Matrix : Soil

Lab ID Number	WS75403	WS75403-DUP		
Date Digested	12/28/00	12/28/00		
Date Analyzed	12/28/00	12/28/00	RPD	RPD
Analyte	Initial Result	Duplicate Result	(%)	QC Limits (%)
Chromium	21.4	49.7	79.5#	25

# Denotes RPD is outside QC limits
Dup denotes sample duplicate.

Waste Stream Technology, Inc.

Metals Analysis Result Report

Matrix Spike Analysis Summary

Site : Amadori Construction
Group Number : 2001-2636

Report Units : % Recovery
Matrix : Soil

	Lab ID Number	WS75403	
	Date Digested	12/28/00	
	Date Analyzed	12/28/00	Analysis
Analyte	QC Limits	% Recovery	Method
Chromium	75 - 125	93	SW-846 6010

SUPPORTING RAW DATA

Metals Digestion Log

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PROJECT

Notebook No.

Continued From Page

DATE + INITIALS	VESS #	SAMPLE ID	SAMPLE WT/VOL	FINAL VOL	METHOD	MATRIX	SPIKE AMT + ID
12/21/00 SD	4	WO375310	0.54g	50mL	3051	50:1	
	5	311	0.52g				
	6	312	0.54g				
	7B	312 DUP	0.51g				
	8B	312 SPK	0.51g				0.5 mL Met 1 @ 5
12/22/00 SD	1	MB122200 S1	10 mL	50mL	3051	50:1	
	2	RF122200 S1					0.5 mL Met 1 @ 5
	3B	WO375309	0.55g				
	4B	310	0.52g				
	5	311	0.54g				
	6	312	0.52g				
	7E	312 DUP	0.53g				
	8E	312 SPK	0.50g				0.5 mL Met 1 @ 5
12/27/00 SD	1	MB122700 S1	10 mL	50mL	3051	50:1	
	2	RF122700 S1					0.5 mL Met 1 @ 5
	3	WO375402	0.53g				
	4	403	0.52g				
	5	403 DUP	0.52g				
	6	403 SPK	0.54g				0.5 mL Met 1 @ 5
12/28/00	1C	MB122800 S1	10 mL	50mL	3051	50:1	
	2F	RF122800 S1					0.5 mL Met 1 @ 5
	3C	WO375403	0.51g				
	4C	403 DUP	0.50g				
	5C	403 SPK	0.51g				0.5 mL Met 1 @ 5
01/05/01 SD	1A	MB010501:01	10 mL	50 mL	3051	0.1	
	2A	RF010501:01					0.5 mL Met 1 @ 5
	3	RF010501:02					0.12 mL Met 1 @ 5
	4A	WO375552	0.24g				
	5A	552 DUP	0.25g				
	6A	552 SPK1	0.25g				0.5 mL Met 1 @ 5
	7A	552 SPK2	0.25g				0.11 mL Met 1 @ 5
	8A	553	0.24g				
	9A	554	0.25g				
	10A	555	0.25g				

Continued on Page

Read and Understood By

Signed Date Signed Date

PROJECT

Notebook No.

Continued From Page

WORK LOT #	CLIENT	ANALYSIS	INITIAL VESSEL WT	FILL VESSEL WT	FINAL VESSEL WT	COMMENTS
BL0216	URS	Metals	229.06	244.15	244.12	
			227.96	242.60	241.42	
			228.55	243.67	243.63	
			226.60	241.81	241.76	
			225.99	241.60	241.53	
		Cd	227.87	242.63	242.56	
			227.10	242.42	242.38	
			232.04	247.34	247.28	
			226.19	241.48	241.35	
			227.18	242.96	241.90	
			229.69	244.98	244.85	
			228.98	244.29	244.24	
			228.50	244.50	244.18	
		Cr	226.10	240.74	240.72	
			226.27	241.58	241.50	
			226.69	241.89	241.31	
			224.01	239.99	239.94	
			227.92	242.16	242.14	
			231.69	247.20	247.30	
			228.07	242.81	242.80	
			226.60	241.91	241.89	
			224.42	239.93	239.72	B6 METHOD VERY DIFFICULT BECAUSE SOIL WAS WET
			229.19	244.95	244.36	
			227.38	243.21	243.19	
	NOCO	Zn, V, Ni, Cu, K	227.75	242.97	242.115	
			228.08	243.29	243.27	
			227.13	241.91	241.89	
			228.34	243.34	243.19	
			229.50	243.10	243.93	
			227.49	242.96	242.52	
			228.54	243.47	243.28	
			228.25	243.10	242.93	
		As	227.98	242.54	242.53	
			227.34	242.81	242.44	

Continued on Page

Read and Understood By

Signed Date Signed Date

Percent Solids Log

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PROJECT

Notebook No.
Continued From Page

Date	Client	Sample ID	Tin wtgn	Tin wet wtgn	Tin Dry wtgn	%Solids	Moisture
12-22-00	ORS	75155	2.61	11.47	9.06	72.91	
x/22/00 ?		75156	2.60	10.78	8.32	68.93	
②		75157	2.62	13.48	10.46	76.06	
		75158	2.67	18.22	16.36	88.04	
		75159	2.65	11.94	10.96	89.45	
		75160	2.64	8.35	7.04	77.06	
	LCS	~~75222~~					
		75223	Not Needed		See Pg 38		
		75224					
	Moisture	75256	2.67	9.89	8.10	75.21	
12/22/00	BBL/CWM	75170	2.59	14.44	8.31	48.95	
12/27/00	ORS	75102	2.62	15.57	11.50	81.10	
		75103	2.81	11.51	12.04	76.85	
12/28/00	REDUPOINT	75202	2.69	9.41	7.77	71.13	
		75203	2.65	7.96	7.31	89.76	
		75204	2.65	9.45	7.45	70.59	
01/02/01	LCS	75463	2.59	10.40	9.19	86.43	
		75464	2.60	9.12	8.17	85.43	
		75465	2.60	12.17	10.73	84.95	
		75466	2.61	~~12.86~~ 12.47 %	10.72	74.68	
	TONENGG	75484	2.59	8.68	8.15	88.39	
	GOWANDA	75500	2.62	11.70	5.19	28.30	
01/04/01	SWEENEY	75429	2.60	10.79	9.83	86.26	
		430	2.59	10.29	8.37	75.06	
		431	2.60	10.56	9.47	86.31	
		432	2.66	10.31	8.90	81.57	
		433	2.61	11.22	9.09	74.68	
		434	2.59	11.80	10.25	83.26	
		435	2.59	11.80	10.06	81.11	
		436	2.62	11.06	9.33	79.50	
		437	2.61	9.91	8.22	76.74	
		438	2.62	12.56	11.57	96.04	
	LCS	469	2.58	14.84	12.48	90.84	
		471	2.57	15.92	14.26		

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Read and Understood By

Signed Date Signed Date

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Notebook No.
Continued From Page

PROJECT

Time In	Temp	Initials	Time/Date Out	Temp	Initials	Comments
17.10	>100°C HOT	now	0830 12/28	105°C	~~L~~	
09⁰⁰	100°	RD	1405 12/28	100°C	SD	WTR+D dish, dried 48hr, 80°C oven w/ lid
0934	109°C	SD	1601 12/28	101	SD	
0922	110°C	SD				SAMPLE. Need 1 dup for every 10 for accuracy
1224	110°C	SD	0830 1/3	109°C	LP	
1148	109°C	SD	1516 1/3 0930	109°C	LP	

Continued on Page

Read and Understood By

Signed Date Signed Date

Metals Analysis
Instrument Quality Control Analysis Abbreviations and Control Limits

Initial Calibration, Acceptable Correlation Co-efficient = >0.997

Std 1	Level = 0.001 mg/L (0.1 mg/kg Soil Equivalent)
Std 2	Level = 0.005 mg/L (0.5 mg/kg Soil Equivalent)
Std 3	Level = 0.100 mg/L (10 mg/kg Soil Equivalent)
Std 4	Level = 1.000 mg/L (100 mg/kg Soil Equivalent)
Std 5	Level = 10.00 mg/L (1000 mg/kg Soil Equivalent)
ICV	Initial Calibration Verification Standard, Level = 10 mg/L Acceptable Range (± 5%) = 9.50 mg/L to 10.50 mg/L
CCB	Continuing Calibration Blank, Acceptable Limit = < 0.010 mg/L (1.0 mg/kg equivalent)
QC CHK	Quality Control Check Standard, Level = 1.0 mg/L Acceptable Range (± 10%) = 0.900 mg/L to 1.10 mg/L
ICS A	Interference Check Standard (Al, Ca, Fe, Mg only), Acceptable Limit = < 0.010 mg/L (1.0 mg/kg equivalent)
ICS AB	Interference Check Standard, Level = 1.0 mg/L Acceptable Range (± 20%) = 0.800 mg/L to 1.20 mg/L
MB	Method Blank, Acceptable Limit = < 0.010 mg/L (1.0 mg/kg equivalent)
RF	Laboratory Control Sample, Level = 1.0 mg/L (100 mg/kg equivalent) Acceptable Range (± 15%) = 0.850 mg/L to 1.15 mg/L (85% - 120%)
CCV	Continuing Calibration Verification, Level = 1.0 mg/L Acceptable Range (± 10%) = 0.900 mg/L to 1.10 mg/L

Method - TAL LIST
SIF File - 122800sa

DATA FILE (122800sa)

ICP Analysis Data

Seq #	A/S Loc	ID	Category
1	1	IS Init	IS Init.
2	1	Calib Blank	Calib Blank
3	2	Std 1	Calib Std.
4	3	Std 2	Calib Std.
5	4	Std 3	Calib Std.
6	5	Std 4	Calib Std.
7	5	ICV	QC
8	9	BLANK	Sample
9	1	CCB	QC
10	6	QC CHK	QC
11	7	ICS A	QC
12	8	ICS AB	QC
13	10	BLANK	Sample
14	11	FLUSH	Sample
15	12	WS75109 DIS	Sample
16	13	WS75140 DIS	Sample
17	14	WS75141 DIS	Sample
18	15	FLUSH	Sample
19	16	MB122800-W2	Sample
20	17	RF122800-W2	Recovery
21	18	WS75422	Sample
22	19	WS75423	Sample
23	1	CCB	QC
24	4	CCV	QC
25	20	WS75424	Sample
26	21	WS75425	Sample
27	22	WS75472	Sample
28	23	WS75473	Sample
29	24	WS75474	Sample
30	25	WS75475	Sample
31	26	FLUSH	Sample
32	1	CCB	QC
33	4	CCV	QC
34	27	MB122700-HP1	Sample
35	28	RF122700-HP1	Recovery
36	29	WS75069	Sample
37	30	WS75194	Sample
38	31	WS75205	Sample
39	32	WS75208	Sample
40	33	WS75209	Sample
41	34	WS75209 DUP	Duplicate
42	35	WS75209 SPK	Recovery
43	36	WS75325	Sample
44	37	WS75326	Sample
45	38	FLUSH	Sample
46	39	MBTC885-T1	Sample
47	1	CCB	QC
48	4	CCV	QC
49	40	RFTC885-T1	Sample
50	41	WS75426	Sample
51	42	WS75427	Sample
52	43	WS75428	Sample
53	44	FLUSH	Sample
54	1	CCB	QC
55	4	CCV	QC
56	45	FLUSH	Sample
57	46	MB122800-S1	Sample
58	47	RF122800-S1	Sample
59	48	WS75403	Sample
60	49	WS75403 DUP	Sample
61	50	WS75403 SPK	Sample
62	51	FLUSH	Sample
63	52	FLUSH	Sample
64	53	MB122700-S1	Sample
65	54	WS75402	Sample

66	55	FLUSH	Sample
67	56	FLUSH	Sample
68	1	CCB	QC
69	4	CCV	QC
70	7	ICS A	QC
71	8	ICS AB	QC

Calibration Summary
Method: TAL LIST Date: 12/28/2000 2:42:28 PM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.

Method: TAL LIST IEC: 0607iecb.iec MSF:
Results: 122800A Spectra Stored: Yes Method Stored: No
Sample Info: 122800sa User: User1 Date: 12/28/2000 2:42:28 PM
Method Description: TAL LIST

Mean Data
ID: IS Init Seq. No.: 1 A/S Pos: 1
Data: Original Date: 12/28/2000 2:44:20 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD
Y 360.073	2565549.2	8244.20	0.32%

Mean Data
ID: Calib Blank Seq. No.: 2 A/S Pos: 1
Data: Original Date: 12/28/2000 2:45:27 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 360.073	2536756.0	9204.64	0.36%	4.9439	mg/L
Ag 338.289	343.7	1.40	0.41	0	mg/L
Ag 328.068	-205.6	16.11	7.84%	0	mg/L
Al 308.215	4790.4	24.77	0.52%	0	mg/L
As 188.979	-28.6	1.57	5.49%	0	mg/L
B 249.677	731.4	15.13	2.07%	0	mg/L
Ba 233.527	-192.9	0.78	0.40%	0	mg/L
Be 313.107	-99.0	14.06	14.20%	0	mg/L
Ca 430.253	275.0	39.36	14.31%	0	mg/L
Ca 317.933	5591.7	291.40	5.21%	0	mg/L
Cd 226.502	93.4	0.86	0.92%	0	mg/L
Co 228.616	-60.3	1.20	1.98%	0	mg/L
Cr 267.716	1.3	1.88	146.08%	0	mg/L
Cu 324.752	6233.8	9.45	0.15%	0	mg/L
Fe 302.107	-156.6	14.61	9.33%	0	mg/L
Fe 238.204	99.1	27.25	27.50%	0	mg/L
Mg 279.077	96.5	15.99	16.56%	0	mg/L
Mn 257.610	16.3	4.55	27.89%	0	mg/L
Mo 202.031	-32.5	1.14	3.50%	0	mg/L
Ni 231.604	-471.0	5.49	1.17%	0	mg/L
Pb 220.353	37.9	4.52	11.93%	0	mg/L
Sb 206.836	-19.4	0.14	0.70%	0	mg/L
Se 196.026	26.8	6.20	23.15%	0	mg/L
Ti 336.121	1066.4	0.77	0.07%	0	mg/L
Tl 190.801	-60.1	1.02	1.69%	0	mg/L
V 292.402	-208.5	13.68	6.56%	0	mg/L
Zn 206.200	105.1	2.68	2.55%	0	mg/L
Sn 189.927	29.0	0.09	0.30%	0	mg/L

Mean Data
ID: Std 1 Seq. No.: 3 A/S Pos: 2
Data: Original Date: 12/28/2000 2:51:01 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 360.073	2552958.5	14030.61	0.55%	4.9755	mg/L
Ag 338.289	462.7	21.62	4.67%	0.005	mg/L
Ag 328.068	709.9	20.02	2.82%	0.005	mg/L
As 188.979	6.7	0.19	2.79%	0.005	mg/L
Ba 233.527	305.2	4.10	1.34%	0.005	mg/L
Be 313.107	9941.3	14.50	0.15%	0.005	mg/L
Cd 226.502	207.5	1.96	0.95%	0.005	mg/L
Co 228.616	124.3	1.97	1.59%	0.005	mg/L
Cr 267.716	327.1	8.38	2.56%	0.005	mg/L
Cu 324.752	881.2	28.54	3.24%	0.005	mg/L

Mn 257.610	2433.0	16.90	0.69%	0.005 mg/L
Mo 202.031	43.7	1.45	3.32%	0.005 mg/L
Ni 231.604	137.8	6.86	4.98%	0.005 mg/L
Pb 220.353	26.8	3.31	12.33%	0.005 mg/L
Sb 206.836	7.8	0.41	5.24%	0.005 mg/L
Se 196.026	9.4	0.71	7.55%	0.005 mg/L
Ti 336.121	1585.3	16.76	1.06%	0.005 mg/L
Tl 190.801	10.2	4.25	41.71%	0.005 mg/L
V 292.402	661.7	19.41	2.93%	0.005 mg/L
Zn 206.200	191.1	0.22	0.11%	0.005 mg/L

Mean Data

ID: Std 2 Seq. No.: 4 A/S Pos: 3
Data: Original Date: 12/28/2000 2:56:38 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 360.073	2552821.2	23869.18	0.94%	4.9752	mg/L
Ag 338.289	8967.8	104.89	1.17%	0.100	mg/L
Ag 328.068	14205.1	189.66	1.34%	0.100	mg/L
Al 308.215	1248.4	29.23	2.34%	0.100	mg/L
As 188.979	110.0	2.45	2.23%	0.100	mg/L
B 249.677	3533.6	52.52	1.49%	0.100	mg/L
Ba 233.527	5919.8	31.81	0.54%	0.100	mg/L
Be 313.107	203637.8	63.86	0.03%	0.100	mg/L
Ca 430.253	288.2	51.62	17.91%	0.100	mg/L
Ca 317.933	11796.4	205.01	1.74%	0.100	mg/L
Cd 226.502	4516.2	80.41	1.78%	0.100	mg/L
Co 228.616	2464.9	19.95	0.81%	0.100	mg/L
Cr 267.716	6760.9	83.49	1.23%	0.100	mg/L
Cu 324.752	21456.4	190.57	0.89%	0.100	mg/L
Fe 302.107	334.3	16.78	5.02%	0.100	mg/L
Fe 238.204	5239.7	4.81	0.09%	0.100	mg/L
Mg 279.077	870.0	13.61	1.56%	0.100	mg/L
Mn 257.610	48665.8	679.94	1.40%	0.100	mg/L
Mo 202.031	880.3	5.02	0.57%	0.100	mg/L
Ni 231.604	2713.6	13.69	0.50%	0.100	mg/L
Pb 220.353	453.3	9.09	2.01%	0.100	mg/L
Sb 206.836	163.0	1.77	1.09%	0.100	mg/L
Se 196.026	122.4	1.44	1.17%	0.100	mg/L
Ti 336.121	31478.9	372.50	1.18%	0.100	mg/L
Tl 190.801	210.4	0.06	0.03%	0.100	mg/L
V 292.402	13335.4	193.44	1.45%	0.100	mg/L
Zn 206.200	3497.0	39.22	1.12%	0.100	mg/L
Sn 189.927	466.8	5.92	1.27%	0.100	mg/L

Mean Data

ID: Std 3 Seq. No.: 5 A/S Pos: 4
Data: Original Date: 12/28/2000 3:02:20 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 360.073	2543842.3	13158.08	0.52	4.9577	mg/L
Ag 338.289	89394.2	592.06	0.66%	1.00	mg/L
Ag 328.068	142395.6	922.37	0.65%	1.00	mg/L
Al 308.215	11632.0	124.49	1.07%	1.00	mg/L
As 188.979	1112.3	5.94	0.53%	1.00	mg/L
B 249.677	31908.1	437.84	1.37%	1.00	mg/L
Ba 233.527	59871.7	325.22	0.54%	1.00	mg/L
Be 313.107	2092074.7	3166.79	0.15%	1.00	mg/L
Ca 430.253	2491.4	34.22	1.37%	1.00	mg/L
Ca 317.933	100209.0	352.20	0.35%	1.00	mg/L
Cd 226.502	45916.0	168.87	0.37%	1.00	mg/L
Co 228.616	25034.4	84.76	0.34%	1.00	mg/L
Cr 267.716	68269.8	246.85	0.36%	1.00	mg/L
Cu 324.752	217491.8	1423.93	0.65%	1.00	mg/L
Fe 302.107	3300.2	17.25	0.52%	1.00	mg/L
Fe 238.204	51795.5	233.03	0.45%	1.00	mg/L
Mg 279.077	9200.4	29.27	0.32%	1.00	mg/L
Mn 257.610	492648.1	779.76	0.16%	1.00	mg/L
Mo 202.031	9019.1	46.62	0.52%	1.00	mg/L
Ni 231.604	27722.3	94.97	0.34%	1.00	mg/L
Pb 220.353	4424.9	34.17	0.77%	1.00	mg/L

Sb 206.836	1735.3	13.84	0.80%	1.00 mg/L
Se 196.026	1196.4	9.42	0.79%	1.00 mg/L
Ti 336.121	323557.4	208.41	0.06%	1.00 mg/L
Tl 190.801	2119.1	8.31	0.39%	1.00 mg/L
V 292.402	135218.0	799.71	0.59%	1.00 mg/L
Zn 206.200	33366.3	24.98	0.07%	1.00 mg/L
Sn 189.927	4692.1	26.32	0.56%	1.00 mg/L

Mean Data

ID: Std 4 Seq. No.: 6 A/S Pos: 5
Data: Original Date: 12/28/2000 3:08:21 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 360.073	2475692.8	940.62	0.04%	4.8249	mg/L
Ag 338.289	887654.4	37.91	0.00%	10.0	mg/L
Ag 328.068	1402557.1	256.03	0.02%	10.0	mg/L
Al 308.215	122405.9	98.27	0.08%	10.0	mg/L
As 188.979	10860.0	38.26	0.35%	10.0	mg/L
B 249.677	323305.1	1866.24	0.58%	10.0	mg/L
Ba 233.527	574316.9	816.25	0.14%	10.0	mg/L
Be 313.107	20663076.8	34458.32	0.17%	10.0	mg/L
Ca 430.253	26942.1	10.34	0.04%	10.0	mg/L
Ca 317.933	994032.9	1055.70	0.11%	10.0	mg/L
Cd 226.502	445192.1	647.67	0.15%	10.0	mg/L
Co 228.616	240254.3	159.16	0.07%	10.0	mg/L
Cr 267.716	663844.9	252.72	0.04%	10.0	mg/L
Cu 324.752	2142077.9	823.02	0.04%	10.0	mg/L
Fe 302.107	34196.6	12.93	0.04%	10.0	mg/L
Fe 238.204	498327.6	33.44	0.01%	10.0	mg/L
Mg 279.077	90471.6	145.70	0.16%	10.0	mg/L
Mn 257.610	4638090.1	853.83	0.02%	10.0	mg/L
Mo 202.031	86598.9	106.34	0.12%	10.0	mg/L
Ni 231.604	266494.3	248.69	0.09%	10.0	mg/L
Pb 220.353	42874.7	111.43	0.26%	10.0	mg/L
Sb 206.836	17016.3	5.45	0.03%	10.0	mg/L
Se 196.026	11790.6	51.16	0.43%	10.0	mg/L
Ti 336.121	3117107.1	3140.60	0.10%	10.0	mg/L
Tl 190.801	20067.7	14.66	0.07%	10.0	mg/L
V 292.402	1329978.4	971.03	0.07%	10.0	mg/L
Zn 206.200	322842.2	22.52	0.01%	10.0	mg/L
Sn 189.927	45565.3	207.65	0.46%	10.0	mg/L

Calibration Summary

Method: TAL LIST Date: 12/28/2000 3:09:12 PM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 338.289	4	Linear-thru-Zero	0.0	88771.8	0.00000	1.000000
Ag 328.068	4	Linear-thru-Zero	0.0	140277.1	0.00000	0.999998
Al 308.215	3	Linear-thru-Zero	0.0	12234.6	0.00000	0.999983
As 188.979	4	Linear-thru-Zero	0.0	1086.3	0.00000	0.999996
B 249.677	3	Linear-thru-Zero	0.0	32326.6	0.00000	0.999998
Ba 233.527	4	Linear-thru-Zero	0.0	57456.0	0.00000	0.999988
Be 313.107	4	Linear-thru-Zero	0.0	2066559.8	0.00000	0.999999
Ca 430.253	3	Linear-thru-Zero	0.0	2692.2	0.00000	0.999960
Ca 317.933	3	Linear-thru-Zero	0.0	99413.1	0.00000	0.999997
Cd 226.502	4	Linear-thru-Zero	0.0	44533.1	0.00000	0.999994
Co 228.616	4	Linear-thru-Zero	0.0	24035.5	0.00000	0.999989
Cr 267.716	4	Linear-thru-Zero	0.0	66403.3	0.00000	0.999995
Cu 324.752	4	Linear-thru-Zero	0.0	214240.3	0.00000	0.999998
Fe 302.107	3	Linear-thru-Zero	0.0	3418.5	0.00000	0.999991
Fe 238.204	3	Linear-thru-Zero	0.0	49852.4	0.00000	0.999989
Mg 279.077	3	Linear-thru-Zero	0.0	9048.6	0.00000	0.999998
Mn 257.610	4	Linear-thru-Zero	0.0	464096.8	0.00000	0.999975
Mo 202.031	4	Linear-thru-Zero	0.0	8663.5	0.00000	0.999989
Ni 231.604	4	Linear-thru-Zero	0.0	26660.1	0.00000	0.999989
Pb 220.353	4	Linear-thru-Zero	0.0	4288.9	0.00000	0.999993
Sb 206.836	4	Linear-thru-Zero	0.0	1702.0	0.00000	0.999997
Se 196.026	4	Linear-thru-Zero	0.0	1179.2	0.00000	0.999998
Ti 336.121	4	Linear-thru-Zero	0.0	311828.3	0.00000	0.999991
Tl 190.801	4	Linear-thru-Zero	0.0	2007.9	0.00000	0.999980

V 292.402	4	Linear-thru-Zero	0.0	133019.9	0.00000	0.999998
Zn 206.200	4	Linear-thru-Zero	0.0	32295.2	0.00000	0.999992
Sn 189.927	3	Linear-thru-Zero	0.0	4557.9	0.00000	0.999994

Mean Data

ID: ICV Seq. No.: 7 Sample No.: 1 A/S Pos: 5
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 3:14:27 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Y 360.073	2476277.9	4.8260	0.00227	mg/L				0.05%
Ag 338.289	885106.9	9.9706	0.00910	mg/L				0.09%
Ag 328.068	1399758.3	9.9785	0.00549	mg/L				0.05%
Al 308.215	122168.3	9.9855	0.00489	mg/L				0.05%
As 188.979	11019.0	10.144	0.0496	mg/L				0.49%
B 249.677	326414.3	10.097	0.0562	mg/L				0.56%
Ba 233.527	575978.5	10.025	0.0151	mg/L				0.15%
Be 313.107	20624382.1	9.9801	0.02396	mg/L				0.24%
Ca 430.253	26780.1	9.9472	0.03197	mg/L				0.32%
Ca 317.933	995860.3	10.017	0.0143	mg/L				0.14%
Cd 226.502	447655.7	10.052	0.0171	mg/L				0.17%
Co 228.616	240054.0	9.9875	0.00471	mg/L				0.05%
Cr 267.716	663726.3	9.9954	0.01518	mg/L				0.15
Cu 324.752	2138286.3	9.9808	0.01332	mg/L				0.13%
Fe 302.107	34188.6	10.001	0.0047	mg/L				0.05%
Fe 238.204	497880.7	9.9871	0.01710	mg/L				0.17%
Mg 279.077	90317.4	9.9813	0.02094	mg/L				0.21%
Mn 257.610	4637252.9	9.9920	0.01104	mg/L				0.11%
Mo 202.031	86352.2	9.9674	0.01620	mg/L				0.16%
Ni 231.604	267005.4	10.015	0.0130	mg/L				0.13%
Pb 220.353	43313.7	10.099	0.0686	mg/L				0.68%
Sb 206.836	17219.9	10.118	0.0320	mg/L				0.32%
Se 196.026	11954.2	10.137	0.0032	mg/L				0.03%
Ti 336.121	3128679.5	10.033	0.0124	mg/L				0.12%
Tl 190.801	20212.6	10.067	0.0706	mg/L				0.70%
V 292.402	1329958.2	9.9982	0.01016	mg/L				0.10%
Zn 206.200	323084.2	10.004	0.0139	mg/L				0.14%
Sn 189.927	45941.2	10.080	0.0651	mg/L				0.65%

Mean Data

ID: BLANK Seq. No.: 8 Sample No.: 1 A/S Pos: 9
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 3:20:12 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Y 360.073	2540550.9	4.9513	0.00887	mg/L				0.18%
Ag 338.289	488.4	0.005502	0.0015091	mg/L	0.005502	0.0015091	mg/L	27.43%
Ag 328.068	781.7	0.005572	0.0018707	mg/L	0.005572	0.0018707	mg/L	33.57%
Al 308.215	-96.6	-0.007895	0.0001945	mg/L	-0.007895	0.0001945	mg/L	2.46%
As 188.979	12.2	0.011218	0.0020049	mg/L	0.011218	0.0020049	mg/L	17.87%
B 249.677	4394.7	0.13595	0.009340	mg/L	0.13595	0.009340	mg/L	6.87%
Ba 233.527	309.3	0.005384	0.0006668	mg/L	0.005384	0.0006668	mg/L	12.39%
Be 313.107	14470.0	0.007002	0.0022798	mg/L	0.007002	0.0022798	mg/L	32.56%
Ca 430.253	-19.0	-0.007044	0.0025838	mg/L	-0.007044	0.0025838	mg/L	36.68
Ca 317.933	-122.9	-0.001237	0.0014455	mg/L	-0.001237	0.0014455	mg/L	116.88%
Cd 226.502	228.4	0.005130	0.0006069	mg/L	0.005130	0.0006069	mg/L	11.83%
Co 228.616	143.8	0.005982	0.0009241	mg/L	0.005982	0.0009241	mg/L	15.45%
Cr 267.716	340.1	0.005121	0.0008497	mg/L	0.005121	0.0008497	mg/L	16.59%
Cu 324.752	10851.9	0.050653	0.0053160	mg/L	0.050653	0.0053160	mg/L	10.49%
Fe 302.107	15.7	0.004581	0.0029452	mg/L	0.004581	0.0029452	mg/L	64.29%
Fe 238.204	156.3	0.003134	0.0011504	mg/L	0.003134	0.0011504	mg/L	36.70%
Mg 279.077	-66.4	-0.007343	0.0013389	mg/L	-0.007343	0.0013389	mg/L	18.23%
Mn 257.610	3091.0	0.006660	0.0023931	mg/L	0.006660	0.0023931	mg/L	35.93%
Mo 202.031	59.4	0.006856	0.0011978	mg/L	0.006856	0.0011978	mg/L	17.47%
Ni 231.604	165.5	0.006207	0.0009564	mg/L	0.006207	0.0009564	mg/L	15.41%
Pb 220.353	30.1	0.007019	0.0019078	mg/L	0.007019	0.0019078	mg/L	27.18%
Sb 206.836	9.9	0.005808	0.0015178	mg/L	0.005808	0.0015178	mg/L	26.13%
Se 196.026	12.3	0.010418	0.0015751	mg/L	0.010418	0.0015751	mg/L	15.12%
Ti 336.121	1971.2	0.006322	0.0022863	mg/L	0.006322	0.0022863	mg/L	36.17%
Tl 190.801	10.7	0.005351	0.0007856	mg/L	0.005351	0.0007856	mg/L	14.68
V 292.402	805.3	0.006054	0.0022715	mg/L	0.006054	0.0022715	mg/L	37.52%

Zn 206.200	255.1	0.007898	0.0010184 mg/L	0.007898	0.0010184 mg/L	12.89%
Sn 189.927	30.0	0.006581	0.0010151 mg/L	0.006581	0.0010151 mg/L	15.42%

Mean Data

ID: CCB Seq. No.: 9 Sample No.: 6 A/S Pos: 1
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 3:25:47 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	2543283.6	4.9566	0.03066	mg/L				0.62%
Ag 338.289	88.7	0.000999	0.0003796	mg/L				37.99%
Ag 328.068	119.3	0.000851	0.0002299	mg/L				27.03%
Al 308.215	-171.7	-0.014031	0.0009410	mg/L				6.71%
As 188.979	3.6	0.003348	0.0010582	mg/L				31.61%
B 249.677	2450.1	0.075793	0.0039430	mg/L				5.20%
*QC exceeds upper limit for B 249.677 Action = Continue								
Ba 233.527	59.8	0.001041	0.0000913	mg/L				8.77%
Be 313.107	3258.8	0.001577	0.0003343	mg/L				21.20%
Ca 430.253	-22.3	-0.008291	0.0053393	mg/L				64.40%
Ca 317.933	-478.0	-0.004809	0.0010493	mg/L				21.83%
Cd 226.502	34.7	0.000779	0.0000701	mg/L				9.00%
Co 228.616	29.2	0.001213	0.0000091	mg/L				0.75%
Cr 267.716	67.0	0.001008	0.0001500	mg/L				14.88%
Cu 324.752	6977.9	0.032571	0.0016767	mg/L				5.15%
*QC exceeds upper limit for Cu 324.752 Action = Continue								
Fe 302.107	-19.7	-0.005756	0.0009617	mg/L				16.71%
Fe 238.204	-212.8	-0.004268	0.0001763	mg/L				4.13%
Mg 279.077	-108.4	-0.011985	0.0000180	mg/L				0.15%
Mn 257.610	522.5	0.001126	0.0000705	mg/L				6.26%
Mo 202.031	16.3	0.001880	0.0004140	mg/L				22.02%
Ni 231.604	40.8	0.001530	0.0000032	mg/L				0.21%
Pb 220.353	5.6	0.001310	0.0004291	mg/L				32.76%
Sb 206.836	4.5	0.002631	0.0014632	mg/L				55.61%
Se 196.026	3.4	0.002863	0.0003812	mg/L				13.32%
Ti 336.121	352.7	0.001131	0.0003625	mg/L				32.05%
Tl 190.801	1.7	0.000860	0.0001144	mg/L				13.31%
V 292.402	152.9	0.001149	0.0002262	mg/L				19.68%
Zn 206.200	59.2	0.001834	0.0002634	mg/L				14.36%
Sn 189.927	7.8	0.001706	0.0003437	mg/L				20.15%

Mean Data

ID: QC CHK Seq. No.: 10 Sample No.: 2 A/S Pos: 6
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 3:31:29 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	2526559.7	4.9240	0.00391	mg/L				0.08%
Ag 338.289	97590.5	1.0993	0.00243	mg/L				0.22%
Ag 328.068	155547.1	1.1089	0.00271	mg/L				0.24%
*QC exceeds upper limit for Ag 328.068 Recovery = 110.89% Action = Continue								
Al 308.215	12298.6	1.0052	0.00098	mg/L				0.10%
As 188.979	1136.5	1.0463	0.00984	mg/L				0.94%
B 249.677	35437.6	1.0962	0.00352	mg/L				0.32%
Ba 233.527	60698.3	1.0564	0.00407	mg/L				0.39%
Be 313.107	2114978.2	1.0234	0.00034	mg/L				0.03%
Ca 430.253	2402.3	0.89230	0.002024	mg/L				0.23%
*QC exceeds lower limit for Ca 430.253 Recovery = 89.23% Action = Continue								
Ca 317.933	99672.4	1.0026	0.00730	mg/L				0.73%
Cd 226.502	46542.5	1.0451	0.00393	mg/L				0.38%
Co 228.616	25203.3	1.0486	0.00341	mg/L				0.32%
Cr 267.716	68947.5	1.0383	0.00558	mg/L				0.54%
Cu 324.752	232804.4	1.0867	0.00027	mg/L				0.02%
Fe 302.107	3397.9	0.99397	0.005304	mg/L				0.53%
Fe 238.204	51935.4	1.0418	0.00612	mg/L				0.59%
Mg 279.077	9209.0	1.0177	0.00851	mg/L				0.84%
Mn 257.610	496956.0	1.0708	0.00060	mg/L				0.06%
Mo 202.031	8969.4	1.0353	0.00119	mg/L				0.12%
Ni 231.604	28075.6	1.0531	0.00616	mg/L				0.58%
Pb 220.353	4535.0	1.0574	0.00135	mg/L				0.13%
Sb 206.836	1761.3	1.0349	0.00401	mg/L				0.39%
Se 196.026	1211.3	1.0272	0.00319	mg/L				0.31%

Ti 336.121	330016.2	1.0583	0.00200 mg/L		0.19%
Tl 190.801	2124.2	1.0579	0.00075 mg/L		0.07%
V 292.402	136584.9	1.0268	0.00351 mg/L		0.34%
Zn 206.200	34152.1	1.0575	0.00768 mg/L		0.73%
Sn 189.927	-13.1	-0.002883	0.0002782 mg/L		9.65%

Mean Data

ID: ICS A Seq. No.: 11 Sample No.: 3 A/S Pos: 7
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 3:37:45 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	2175158.7	4.2392	0.00195	mg/L				0.05%
Ag 338.289	498.0	0.005610	0.0000671	mg/L				1.20%
Ag 328.068	51.3	0.000365	0.0001514	mg/L				41.43%
Al 308.215	6891708.8	563.20	0.850	mg/L				0.15%
As 188.979	-49.6	-0.038330	0.0036149	mg/L				9.43%
B 249.677	-2749.6	0.022693	0.0034503	mg/L				15.20%
Ba 233.527	-172.9	-0.003010	0.0000623	mg/L				2.07%
Be 313.107	1435.6	0.000695	0.0000311	mg/L				4.47%
Ca 430.253	1716648.8	637.49	0.952	mg/L				0.15%
*QC exceeds upper limit for Ca 430.253	Recovery = 127.50%	Action = Continue						
Ca 317.933	47987702.7	482.55	0.746	mg/L				0.15%
Cd 226.502	645.3	0.002874	0.0001910	mg/L				6.65%
Co 228.616	45.6	-0.006162	0.0002684	mg/L				4.36%
Cr 267.716	-212.2	-0.003195	0.0000717	mg/L				2.24%
Cu 324.752	4919.7	0.017122	0.0008980	mg/L				5.24%
Fe 302.107	836728.7	244.77	0.178	mg/L				0.07%
Fe 238.204	8236501.9	165.22	0.252	mg/L				0.15%
Mg 279.077	5068113.0	560.31	0.330	mg/L				0.06%
Mn 257.610	3456.5	-0.004667	0.0000035	mg/L				0.07%
Mo 202.031	-17.4	-0.005027	0.0003027	mg/L				6.02%
Ni 231.604	-13.5	-0.005705	0.0000991	mg/L				1.74%
Pb 220.353	-85.0	0.002303	0.0017900	mg/L				77.73%
Sb 206.836	-32.7	-0.037041	0.0000913	mg/L				0.25%
Se 196.026	-42.0	0.017169	0.0048063	mg/L				27.99%
Ti 336.121	-569.9	-0.001828	0.0001490	mg/L				8.15%
Tl 190.801	-77.4	-0.003086	0.0015364	mg/L				49.79%
V 292.402	-3282.1	0.002026	0.0001229	mg/L				6.07%
Zn 206.200	701.9	-0.015747	0.0005297	mg/L				3.36%
Sn 189.927	-380.8	-0.20972	0.000526	mg/L				0.25%

Mean Data

ID: ICS AB Seq. No.: 12 Sample No.: 4 A/S Pos: 8
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 3:44:27 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	2177669.0	4.2441	0.00259	mg/L				0.06%
Ag 338.289	110827.3	1.2485	0.00193	mg/L				0.15%
*QC exceeds upper limit for Ag 338.289	Recovery = 124.85%	Action = Continue						
Ag 328.068	174556.5	1.2444	0.00150	mg/L				0.12%
*QC exceeds upper limit for Ag 328.068	Recovery = 124.44%	Action = Continue						
Al 308.215	6887349.5	562.85	1.040	mg/L				0.18%
As 188.979	1157.5	1.0729	0.00666	mg/L				0.62%
B 249.677	32312.8	1.1073	0.00922	mg/L				0.83%
Ba 233.527	59324.7	1.0325	0.00093	mg/L				0.09%
Be 313.107	2217597.8	1.0731	0.00119	mg/L				0.11%
Ca 430.253	1705805.1	633.46	0.796	mg/L				0.13%
Ca 317.933	47945942.0	482.13	1.718	mg/L				0.36%
Cd 226.502	44900.7	0.99664	0.002173	mg/L				0.22%
Co 228.616	22751.5	0.93852	0.001374	mg/L				0.15%
Cr 267.716	67758.1	1.0204	0.00129	mg/L				0.13%
Cu 324.752	236246.5	1.0969	0.00598	mg/L				0.55%
Fe 302.107	836709.6	244.76	0.375	mg/L				0.15%
Fe 238.204	8254279.9	165.57	0.469	mg/L				0.28%
Mg 279.077	5068821.9	560.38	0.408	mg/L				0.07%
Mn 257.610	487320.1	1.0379	0.00077	mg/L				0.07%
Mo 202.031	8651.1	0.99562	0.001583	mg/L				0.16%
Ni 231.604	24784.3	0.92444	0.003473	mg/L				0.38%
Pb 220.353	4112.2	0.98091	0.001537	mg/L				0.16%

Cr 267.716	-15.5	-0.000233	0.0002178 mg/L	-0.000233	0.0002178 mg/L	93.34%
Cu 324.752	-1804.9	-0.008424	0.0003213 mg/L	-0.008424	0.0003213 mg/L	3.81%
Fe 302.107	8.5	0.002497	0.0007113 mg/L	0.002497	0.0007113 mg/L	28.49%
Fe 238.204	-323.7	-0.006493	0.0003237 mg/L	-0.006493	0.0003237 mg/L	4.99%
Mg 279.077	-52.7	-0.005825	0.0016793 mg/L	-0.005825	0.0016793 mg/L	28.83%
Mn 257.610	231.1	0.000498	0.0001742 mg/L	0.000498	0.0001742 mg/L	34.99%
Mo 202.031	5.8	0.000669	0.0002627 mg/L	0.000669	0.0002627 mg/L	39.27%
Ni 231.604	18.3	0.000685	0.0002293 mg/L	0.000685	0.0002293 mg/L	33.48%
Pb 220.353	11.1	0.002583	0.0006616 mg/L	0.002583	0.0006616 mg/L	25.61%
Sb 206.836	0.6	0.000380	0.0001922 mg/L	0.000380	0.0001922 mg/L	50.58%
Se 196.026	2.1	0.001775	0.0010037 mg/L	0.001775	0.0010037 mg/L	56.54%
Ti 336.121	162.1	0.000520	0.0002329 mg/L	0.000520	0.0002329 mg/L	44.80%
Tl 190.801	2.1	0.001033	0.0015509 mg/L	0.001033	0.0015509 mg/L	150.16%
V 292.402	68.2	0.000513	0.0002980 mg/L	0.000513	0.0002980 mg/L	58.10%
Zn 206.200	-4.9	-0.000153	0.0002095 mg/L	-0.000153	0.0002095 mg/L	136.74%
Sn 189.927	2.1	0.000451	0.0006849 mg/L	0.000451	0.0006849 mg/L	151.98%

Mean Data

ID: MB122800-S1 Seq. No.: 56 Sample No.: 38 A/S Pos: 46
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 8:02:52 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2557354.1	4.9840	0.02521	mg/L				0.51%
Ag 338.289	43.3	0.000488	0.0005922	mg/L	0.000488	0.0005922	mg/L	121.28%
Ag 328.068	-6.5	-0.000046	0.0003299	mg/L	-0.000046	0.0003299	mg/L	710.15%
Al 308.215	-156.7	-0.012805	0.0039753	mg/L	-0.012805	0.0039753	mg/L	31.05
As 188.979	-1.4	-0.001305	0.0037608	mg/L	-0.001305	0.0037608	mg/L	288.15%
B 249.677	-172.1	-0.005324	0.0002754	mg/L	-0.005324	0.0002754	mg/L	5.17%
Ba 233.527	-6.3	-0.000110	0.0000470	mg/L	-0.000110	0.0000470	mg/L	42.60%
Be 313.107	-435.4	-0.000211	0.0000214	mg/L	-0.000211	0.0000214	mg/L	10.18%
Ca 430.253	34.9	0.012973	0.0032539	mg/L	0.012973	0.0032539	mg/L	25.08%
Ca 317.933	-533.4	-0.005365	0.0006301	mg/L	-0.005365	0.0006301	mg/L	11.74%
Cd 226.502	-47.7	-0.001071	0.0000137	mg/L	-0.001071	0.0000137	mg/L	1.28%
Co 228.616	-4.3	-0.000178	0.0001018	mg/L	-0.000178	0.0001018	mg/L	57.13%
Cr 267.716	7.5	0.000113	0.0000343	mg/L	0.000113	0.0000343	mg/L	30.46%
Cu 324.752	504.4	0.002354	0.0007198	mg/L	0.002354	0.0007198	mg/L	30.57%
Fe 302.107	33.1	0.009694	0.0053287	mg/L	0.009694	0.0053287	mg/L	54.97%
Fe 238.204	-279.8	-0.005613	0.0002100	mg/L	-0.005613	0.0002100	mg/L	3.74%
Mg 279.077	-13.9	-0.001534	0.0005386	mg/L	-0.001534	0.0005386	mg/L	35.12%
Mn 257.610	61.0	0.000131	0.0000234	mg/L	0.000131	0.0000234	mg/L	17.82%
Mo 202.031	-0.8	-0.000098	0.0004116	mg/L	-0.000098	0.0004116	mg/L	420.38%
Ni 231.604	-34.7	-0.001301	0.0001080	mg/L	-0.001301	0.0001080	mg/L	8.30%
Pb 220.353	13.3	0.003113	0.0002043	mg/L	0.003113	0.0002043	mg/L	6.56%
Sb 206.836	-0.6	-0.000381	0.0016617	mg/L	-0.000381	0.0016617	mg/L	436.65
Se 196.026	8.3	0.007060	0.0034655	mg/L	0.007060	0.0034655	mg/L	49.09%
Ti 336.121	287.2	0.000921	0.0003803	mg/L	0.000921	0.0003803	mg/L	41.29%
Tl 190.801	-10.3	-0.005124	0.0018953	mg/L	-0.005124	0.0018953	mg/L	36.99%
V 292.402	57.7	0.000434	0.0002370	mg/L	0.000434	0.0002370	mg/L	54.63%
Zn 206.200	-1.1	-0.000034	0.0002153	mg/L	-0.000034	0.0002153	mg/L	642.01%
Sn 189.927	30.9	0.006780	0.0004202	mg/L	0.006780	0.0004202	mg/L	6.20%

Mean Data

ID: RF122800-S1 Seq. No.: 57 Sample No.: 39 A/S Pos: 47
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 8:08:38 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2544422.4	4.9588	0.03220	mg/L				0.65%
Ag 338.289	92348.9	1.0403	0.00728	mg/L	1.0403	0.00728	mg/L	0.70%
Ag 328.068	146525.4	1.0445	0.00762	mg/L	1.0445	0.00762	mg/L	0.73%
Al 308.215	10514.7	0.85942	0.013991	mg/L	0.85942	0.013991	mg/L	1.63%
As 188.979	1036.5	0.95421	0.000562	mg/L	0.95421	0.000562	mg/L	0.06%
B 249.677	29690.9	0.91846	0.000622	mg/L	0.91846	0.000622	mg/L	0.07%
Ba 233.527	58460.8	1.0175	0.00150	mg/L	1.0175	0.00150	mg/L	0.15%
Be 313.107	2028788.8	0.98172	0.001159	mg/L	0.98172	0.001159	mg/L	0.12%
Ca 430.253	2467.8	0.91665	0.000240	mg/L	0.91665	0.000240	mg/L	0.03%
Ca 317.933	97793.6	0.98371	0.002023	mg/L	0.98371	0.002023	mg/L	0.21%
Cd 226.502	43461.5	0.97594	0.000669	mg/L	0.97594	0.000669	mg/L	0.07%
Co 228.616	24912.0	1.0365	0.00372	mg/L	1.0365	0.00372	mg/L	0.36%
Cr 267.716	69206.8	1.0422	0.00481	mg/L	1.0422	0.00481	mg/L	0.46%

Cu 324.752	214622.1	1.0018	0.01189 mg/L	1.0018	0.01189 mg/L	1.19%
Fe 302.107	3197.0	0.93520	0.002919 mg/L	0.93520	0.002919 mg/L	0.31%
Fe 238.204	51540.4	1.0339	0.00324 mg/L	1.0339	0.00324 mg/L	0.31%
Mg 279.077	8954.3	0.98957	0.003303 mg/L	0.98957	0.003303 mg/L	0.33%
Mn 257.610	488469.9	1.0525	0.00111 mg/L	1.0525	0.00111 mg/L	0.11%
Mo 202.031	9348.3	1.0791	0.00329 mg/L	1.0791	0.00329 mg/L	0.30%
Ni 231.604	26914.4	1.0095	0.00217 mg/L	1.0095	0.00217 mg/L	0.21%
Pb 220.353	4231.6	0.98666	0.006359 mg/L	0.98666	0.006359 mg/L	0.64%
Sb 206.836	1728.5	1.0156	0.00560 mg/L	1.0156	0.00560 mg/L	0.55%
Se 196.026	1109.1	0.94053	0.002950 mg/L	0.94053	0.002950 mg/L	0.31%
Ti 336.121	309955.4	0.99399	0.000366 mg/L	0.99399	0.000366 mg/L	0.04%
Tl 190.801	2008.0	1.0001	0.00124 mg/L	1.0001	0.00124 mg/L	0.12%
V 292.402	135839.8	1.0212	0.00538 mg/L	1.0212	0.00538 mg/L	0.53%
Zn 206.200	33789.0	1.0463	0.00148 mg/L	1.0463	0.00148 mg/L	0.14%
Sn 189.927	11.0	0.002407	0.0003546 mg/L	0.002407	0.0003546 mg/L	14.73%

Mean Data

ID: WS75403 Seq. No.: 58 Sample No.: 40 A/S Pos: 48
Sample Qty: 0.5100 g Prep. Vol.: 50.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 8:14:39 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2515008.5	4.9015	0.01623	mg/L				0.33%
Ag 338.289	142.2	0.001602	0.0000083	mg/L	0.15705	0.000814	mg/kg	0.52%
Ag 328.068	158.5	0.001130	0.0000322	mg/L	0.11076	0.003153	mg/kg	2.85%
Al 308.215	1142513.1	93.384	0.2252	mg/L	9155.3	22.08	mg/kg	0.24%
As 188.979	72.9	0.073201	0.0059816	mg/L	7.1766	0.58643	mg/kg	8.17%
B 249.677	-3002.0	-0.002630	0.0004349	mg/L	-0.25784	0.042642	mg/kg	16.54%
Ba 233.527	59895.5	1.0425	0.00360	mg/L	102.20	0.353	mg/kg	0.35%
Be 313.107	17618.1	0.008525	0.0000419	mg/L	0.83582	0.004103	mg/kg	0.49%
Ca 430.253	589965.1	219.14	0.140	mg/L	21484	13.7	mg/kg	0.06%
Ca 317.933	18999440.3	191.12	0.037	mg/L	18737	3.6	mg/kg	0.02%
Cd 226.502	654.6	0.004971	0.0003772	mg/L	0.48740	0.036977	mg/kg	7.59%
Co 228.616	1648.6	0.061842	0.0000476	mg/L	6.0630	0.00466	mg/kg	0.08%
Cr 267.716	11142.2	0.16780	0.000464	mg/L	16.451	0.0455	mg/kg	0.28%
Cu 324.752	68860.5	0.32142	0.001239	mg/L	31.511	0.1215	mg/kg	0.39%
Fe 302.107	700711.0	204.98	0.493	mg/L	20096	48.4	mg/kg	0.24
Fe 238.204	8304208.4	166.58	0.003	mg/L	16331	0.3	mg/kg	0.00%
Mg 279.077	361051.5	40.077	0.0546	mg/L	3929.1	5.36	mg/kg	0.14%
Mn 257.610	3673845.4	7.9161	0.00817	mg/L	776.09	0.801	mg/kg	0.10%
Mo 202.031	33.7	0.003894	0.0007411	mg/L	0.38181	0.072660	mg/kg	19.03%
Ni 231.604	5035.9	0.18889	0.000216	mg/L	18.519	0.0212	mg/kg	0.11%
Pb 220.353	2521.9	0.58573	0.001437	mg/L	57.425	0.1409	mg/kg	0.25%
Sb 206.836	-5.5	-0.003248	0.0001031	mg/L	-0.31845	0.010113	mg/kg	3.18%
Se 196.026	-49.7	-0.010772	0.0060759	mg/L	-1.0561	0.59567	mg/kg	56.40%
Ti 336.121	50481.6	0.16189	0.001110	mg/L	15.871	0.1089	mg/kg	0.69%
Tl 190.801	-50.9	-0.007972	0.0030064	mg/L	-0.78153	0.294741	mg/kg	37.71%
V 292.402	20154.6	0.17387	0.000457	mg/L	17.047	0.0448	mg/kg	0.26%
Zn 206.200	49294.1	1.5264	0.00627	mg/L	149.64	0.615	mg/kg	0.41%
Sn 189.927	-307.7	-0.068240	0.0018335	mg/L	-6.6902	0.17976	mg/kg	2.69%

Mean Data

ID: WS75403 DUP Seq. No.: 59 Sample No.: 41 A/S Pos: 49
Sample Qty: 0.5000 g Prep. Vol.: 50.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 8:21:29 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2444091.5	4.7633	0.05082	mg/L				1.07%
Ag 338.289	-25.7	-0.005510	0.0001446	mg/L	-0.55104	0.014457	mg/kg	2.62%
Ag 328.068	208.0	0.001483	0.0000214	mg/L	0.14831	0.002140	mg/kg	1.44%
Al 308.215	1622741.1	132.64	0.157	mg/L	13264	15.7	mg/kg	0.12%
As 188.979	90.0	0.092423	0.0004340	mg/L	9.2423	0.04340	mg/kg	0.47%
B 249.677	-4213.5	0.009992	0.0010353	mg/L	0.99922	0.103525	mg/kg	10.36%
Ba 233.527	134026.0	2.3327	0.00702	mg/L	233.27	0.702	mg/kg	0.30
Be 313.107	24172.5	0.011697	0.0000226	mg/L	1.1697	0.00226	mg/kg	0.19%
Ca 430.253	1022403.7	379.73	0.680	mg/L	37973	68.0	mg/kg	0.18%
Ca 317.933	31192803.7	313.71	1.281	mg/L	31371	128.1	mg/kg	0.41%
Cd 226.502	845.2	0.003851	0.0003548	mg/L	0.38507	0.035477	mg/kg	9.21%
Co 228.616	1624.5	0.057095	0.0005664	mg/L	5.7095	0.05664	mg/kg	0.99%
Cr 267.716	25341.2	0.38163	0.000425	mg/L	38.163	0.0425	mg/kg	0.11%
Cu 324.752	78527.0	0.37188	0.001789	mg/L	37.188	0.1789	mg/kg	0.48%

Fe 302.107	1089753.8	318.78	0.787 mg/L	31878	78.7 mg/kg	0.25%
Fe 238.204	11581479.4	232.32	1.222 mg/L	23232	122.2 mg/kg	0.53%
Mg 279.077	460952.0	51.215	0.1777 mg/L	5121.5	17.77 mg/kg	0.35%
Mn 257.610	6500948.8	14.008	0.0612 mg/L	1400.8	6.12 mg/kg	0.44%
Mo 202.031	17.5	0.004162	0.0001398 mg/L	0.41617	0.013980 mg/kg	3.36%
Ni 231.604	4994.4	0.18056	0.001548 mg/L	18.056	0.1548 mg/kg	0.86%
Pb 220.353	3530.2	0.81887	0.005529 mg/L	81.887	0.5529 mg/kg	0.68%
Sb 206.836	-10.9	-0.006430	0.0020186 mg/L	-0.64302	0.201855 mg/kg	31.39%
Se 196.026	-74.5	-0.014421	0.0027647 mg/L	-1.4421	0.27647 mg/kg	19.17%
Ti 336.121	171468.0	0.54988	0.002476 mg/L	54.988	0.2476 mg/kg	0.45%
Tl 190.801	-69.4	-0.007572	0.0008706 mg/L	-0.75721	0.087056 mg/kg	11.50%
V 292.402	28504.0	0.24906	0.000302 mg/L	24.906	0.0302 mg/kg	0.12%
Zn 206.200	52197.2	1.6163	0.00806 mg/L	161.63	0.806 mg/kg	0.50%
Sn 189.927	-420.4	-0.097655	0.0009865 mg/L	-9.7655	0.09865 mg/kg	1.01%

Mean Data ----------

ID: WS75403 SPK Seq. No.: 60 Sample No.: 42 A/S Pos: 50
Sample Qty: 0.5100 g Prep. Vol.: 50.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 8:28:26 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Y 360.073	2512695.2	4.8970	0.00845	mg/L				0.17%
Ag 338.289	80256.0	0.90407	0.004572	mg/L	88.634	0.4483	mg/kg	0.51%
Ag 328.068	126877.6	0.90448	0.004044	mg/L	88.674	0.3965	mg/kg	0.45%
Al 308.215	1685024.2	137.73	0.243	mg/L	13503	23.9	mg/kg	0.18%
As 188.979	966.2	0.89775	0.004290	mg/L	88.014	0.4206	mg/kg	0.48%
B 249.677	18133.1	0.68268	0.000675	mg/L	66.930	0.0662	mg/kg	0.10%
Ba 233.527	120365.1	2.0949	0.00265	mg/L	205.38	0.260	mg/kg	0.13%
Be 313.107	1843234.2	0.89193	0.001541	mg/L	87.444	0.1511	mg/kg	0.17%
Ca 430.253	832550.9	309.21	0.626	mg/L	30314	61.3	mg/kg	0.20%
Ca 317.933	25402611.7	255.47	3.950	mg/L	25046	387.2	mg/kg	1.55%
Cd 226.502	36967.6	0.81699	0.000506	mg/L	80.097	0.0496	mg/kg	0.06%
Co 228.616	21919.1	0.90284	0.000336	mg/L	88.514	0.0329	mg/kg	0.04%
Cr 267.716	73078.8	1.1005	0.00272	mg/L	107.90	0.266	mg/kg	0.25
Cu 324.752	274947.4	1.2834	0.00710	mg/L	125.82	0.696	mg/kg	0.55%
Fe 302.107	945439.8	276.57	0.479	mg/L	27115	47.0	mg/kg	0.17%
Fe 238.204	10209996.7	204.80	2.432	mg/L	20079	238.4	mg/kg	1.19%
Mg 279.077	470802.1	52.267	0.0660	mg/L	5124.2	6.47	mg/kg	0.13%
Mn 257.610	5394151.8	11.623	0.1518	mg/L	1139.5	14.88	mg/kg	1.31%
Mo 202.031	6285.2	0.73178	0.000436	mg/L	71.743	0.0427	mg/kg	0.06%
Ni 231.604	26965.7	1.0056	0.00112	mg/L	98.587	0.1098	mg/kg	0.11%
Pb 220.353	5853.1	1.3623	0.00020	mg/L	133.56	0.020	mg/kg	0.01%
Sb 206.836	48.0	0.028183	0.0007530	mg/L	2.7630	0.07383	mg/kg	2.67%
Se 196.026	899.9	0.80537	0.010627	mg/L	78.958	1.0419	mg/kg	1.32%
Ti 336.121	216027.7	0.69278	0.013429	mg/L	67.919	1.3166	mg/kg	1.94%
Tl 190.801	1537.9	0.78932	0.004263	mg/L	77.384	0.4179	mg/kg	0.54%
V 292.402	136202.6	1.0541	0.00366	mg/L	103.34	0.358	mg/kg	0.35%
Zn 206.200	79348.6	2.4570	0.00074	mg/L	240.88	0.072	mg/kg	0.03%
Sn 189.927	-324.0	-0.073554	0.0017796	mg/L	-7.2112	0.17447	mg/kg	2.42%

Mean Data ----------

ID: FLUSH Seq. No.: 61 Sample No.: 43 A/S Pos: 51
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 8:34:50 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Y 360.073	2595376.0	5.0581	0.00193	mg/L				0.04%
Ag 338.289	37.9	0.000427	0.0001408	mg/L	0.000427	0.0001408	mg/L	32.98%
Ag 328.068	17.9	0.000127	0.0000602	mg/L	0.000127	0.0000602	mg/L	47.26%
Al 308.215	762.6	0.062330	0.0269130	mg/L	0.062330	0.0269130	mg/L	43.18%
As 188.979	1.9	0.001735	0.0067436	mg/L	0.001735	0.0067436	mg/L	388.77%
B 249.677	-117.6	-0.003637	0.0005118	mg/L	-0.003637	0.0005118	mg/L	14.07%
Ba 233.527	51.7	0.000900	0.0004474	mg/L	0.000900	0.0004474	mg/L	49.69%
Be 313.107	288.4	0.000140	0.0001950	mg/L	0.000140	0.0001950	mg/L	139.72%
Ca 430.253	463.7	0.17223	0.059524	mg/L	0.17223	0.059524	mg/L	34.56%
Ca 317.933	15121.3	0.15211	0.065496	mg/L	0.15211	0.065496	mg/L	43.06%
Cd 226.502	-19.1	-0.000428	0.0000770	mg/L	-0.000428	0.0000770	mg/L	18.00%
Co 228.616	12.6	0.000522	0.0001327	mg/L	0.000522	0.0001327	mg/L	25.42%
Cr 267.716	-9.8	-0.000148	0.0002689	mg/L	-0.000148	0.0002689	mg/L	181.93%
Cu 324.752	-884.7	-0.004130	0.0007903	mg/L	-0.004130	0.0007903	mg/L	19.14%
Fe 302.107	545.5	0.15957	0.058735	mg/L	0.15957	0.058735	mg/L	36.81%

Fe 238.204	8769.4	0.17591	0.069281	mg/L	0.17591	0.069281 mg/L	39.38%
Mg 279.077	140.4	0.015514	0.0128013	mg/L	0.015514	0.0128013 mg/L	82.51%
Mn 257.610	3723.5	0.008023	0.0030626	mg/L	0.008023	0.0030626 mg/L	38.17%
Mo 202.031	0.8	0.000091	0.0006992	mg/L	0.000091	0.0006992 mg/L	770.48%
Ni 231.604	11.1	0.000417	0.0006465	mg/L	0.000417	0.0006465 mg/L	155.17%
Pb 220.353	7.4	0.001722	0.0000605	mg/L	0.001722	0.0000605 mg/L	3.52%
Sb 206.836	-0.5	-0.000305	0.0005031	mg/L	-0.000305	0.0005031 mg/L	164.77%
Se 196.026	8.6	0.007328	0.0019600	mg/L	0.007328	0.0019600 mg/L	26.75%
Ti 336.121	123.0	0.000394	0.0000896	mg/L	0.000394	0.0000896 mg/L	22.71%
Tl 190.801	0.4	0.000198	0.0004046	mg/L	0.000198	0.0004046 mg/L	204.60%
V 292.402	26.6	0.000200	0.0001370	mg/L	0.000200	0.0001370 mg/L	68.46%
Zn 206.200	68.6	0.002124	0.0006153	mg/L	0.002124	0.0006153 mg/L	28.98%
Sn 189.927	0.0	0.000003	0.0003636	mg/L	0.000003	0.0003636 mg/L	>999.9%

Mean Data

ID: FLUSH Seq. No.: 62 Sample No.: 44 A/S Pos: 52
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 8:40:25 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	2584930.5	5.0378	0.00749	mg/L				0.15%
Ag 338.289	10.0	0.000113	0.0002419	mg/L	0.000113	0.0002419	mg/L	214.92%
Ag 328.068	-72.7	-0.000519	0.0000193	mg/L	-0.000519	0.0000193	mg/L	3.71%
Al 308.215	-26.9	-0.002202	0.0079256	mg/L	-0.002202	0.0079256	mg/L	359.98%
As 188.979	0.5	0.000483	0.0019431	mg/L	0.000483	0.0019431	mg/L	402.46%
B 249.677	-265.4	-0.008210	0.0000429	mg/L	-0.008210	0.0000429	mg/L	0.52%
Ba 233.527	-1.7	-0.000030	0.0000481	mg/L	-0.000030	0.0000481	mg/L	162.31
Be 313.107	-495.1	-0.000240	0.0000168	mg/L	-0.000240	0.0000168	mg/L	7.03%
Ca 430.253	83.1	0.030859	0.0022259	mg/L	0.030859	0.0022259	mg/L	7.21%
Ca 317.933	1252.0	0.012594	0.0078268	mg/L	0.012594	0.0078268	mg/L	62.15%
Cd 226.502	-33.5	-0.000752	0.0000484	mg/L	-0.000752	0.0000484	mg/L	6.43
Co 228.616	4.7	0.000194	0.0001896	mg/L	0.000194	0.0001896	mg/L	97.78%
Cr 267.716	-43.9	-0.000662	0.0000734	mg/L	-0.000662	0.0000734	mg/L	11.10%
Cu 324.752	-1574.5	-0.007349	0.0002130	mg/L	-0.007349	0.0002130	mg/L	2.90%
Fe 302.107	106.9	0.031276	0.0160480	mg/L	0.031276	0.0160480	mg/L	51.31%
Fe 238.204	1354.1	0.027161	0.0106623	mg/L	0.027161	0.0106623	mg/L	39.26%
Mg 279.077	-86.1	-0.009512	0.0016186	mg/L	-0.009512	0.0016186	mg/L	17.02%
Mn 257.610	700.4	0.001509	0.0004420	mg/L	0.001509	0.0004420	mg/L	29.28%
Mo 202.031	-3.9	-0.000454	0.0002064	mg/L	-0.000454	0.0002064	mg/L	45.46
Ni 231.604	-2.1	-0.000077	0.0001379	mg/L	-0.000077	0.0001379	mg/L	178.33%
Pb 220.353	10.3	0.002412	0.0009709	mg/L	0.002412	0.0009709	mg/L	40.26%
Sb 206.836	-0.4	-0.000212	0.0005815	mg/L	-0.000212	0.0005815	mg/L	274.55%
Se 196.026	2.2	0.001897	0.0003661	mg/L	0.001897	0.0003661	mg/L	19.29%
Ti 336.121	45.4	0.000146	0.0001013	mg/L	0.000146	0.0001013	mg/L	69.52%
Tl 190.801	-1.3	-0.000645	0.0025132	mg/L	-0.000645	0.0025132	mg/L	389.48%
V 292.402	-15.4	-0.000116	0.0002337	mg/L	-0.000116	0.0002337	mg/L	202.13%
Zn 206.200	6.7	0.000208	0.0001068	mg/L	0.000208	0.0001068	mg/L	51.45%
Sn 189.927	0.5	0.000109	0.0001054	mg/L	0.000109	0.0001054	mg/L	96.30%

Mean Data

ID: MB122700-S1 Seq. No.: 63 Sample No.: 45 A/S Pos: 53
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 8:46:00 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	2543953.6	4.9579	0.00160	mg/L				0.03%
Ag 338.289	8.4	0.000095	0.0001087	mg/L	0.000095	0.0001087	mg/L	114.63%
Ag 328.068	-88.4	-0.000630	0.0001359	mg/L	-0.000630	0.0001359	mg/L	21.57%
Al 308.215	-187.9	-0.015359	0.0014101	mg/L	-0.015359	0.0014101	mg/L	9.18%
As 188.979	-3.2	-0.002981	0.0053120	mg/L	-0.002981	0.0053120	mg/L	178.20%
B 249.677	-287.9	-0.008907	0.0001062	mg/L	-0.008907	0.0001062	mg/L	1.19%
Ba 233.527	-6.9	-0.000119	0.0000309	mg/L	-0.000119	0.0000309	mg/L	25.88%
Be 313.107	-622.3	-0.000301	0.0000016	mg/L	-0.000301	0.0000016	mg/L	0.52%
Ca 430.253	66.9	0.024859	0.0097726	mg/L	0.024859	0.0097726	mg/L	39.31%
Ca 317.933	31.2	0.000314	0.0010485	mg/L	0.000314	0.0010485	mg/L	334.34%
Cd 226.502	-48.7	-0.001093	0.0000274	mg/L	-0.001093	0.0000274	mg/L	2.51%
Co 228.616	-6.1	-0.000252	0.0000698	mg/L	-0.000252	0.0000698	mg/L	27.70%
Cr 267.716	-16.0	-0.000240	0.0001334	mg/L	-0.000240	0.0001334	mg/L	55.51%
Cu 324.752	360.8	0.001684	0.0004617	mg/L	0.001684	0.0004617	mg/L	27.41%
Fe 302.107	73.9	0.021621	0.0016367	mg/L	0.021621	0.0016367	mg/L	7.57%
Fe 238.204	412.5	0.008275	0.0009232	mg/L	0.008275	0.0009232	mg/L	11.16%

Mg 279.077	-36.6	-0.004041	0.0010001 mg/L	-0.004041	0.0010001 mg/L	24.75%
Mn 257.610	287.8	0.000620	0.0000525 mg/L	0.000620	0.0000525 mg/L	8.46%
Mo 202.031	-5.6	-0.000648	0.0000482 mg/L	-0.000648	0.0000482 mg/L	7.43%
Ni 231.604	-46.2	-0.001731	0.0001991 mg/L	-0.001731	0.0001991 mg/L	11.50%
Pb 220.353	12.9	0.003014	0.0004483 mg/L	0.003014	0.0004483 mg/L	14.87%
Sb 206.836	-2.9	-0.001701	0.0001277 mg/L	-0.001701	0.0001277 mg/L	7.51%
Se 196.026	3.8	0.003201	0.0006873 mg/L	0.003201	0.0006873 mg/L	21.47%
Ti 336.121	210.8	0.000676	0.0002614 mg/L	0.000676	0.0002614 mg/L	38.67%
Tl 190.801	-6.4	-0.003192	0.0006388 mg/L	-0.003192	0.0006388 mg/L	20.01%
V 292.402	-21.5	-0.000161	0.0000746 mg/L	-0.000161	0.0000746 mg/L	46.24%
Zn 206.200	1.3	0.000039	0.0000462 mg/L	0.000039	0.0000462 mg/L	118.02%
Sn 189.927	31.3	0.006858	0.0001997 mg/L	0.006858	0.0001997 mg/L	2.91%

Mean Data

ID: WS75402 Seq. No.: 64 Sample No.: 46 A/S Pos: 54
Sample Qty: 0.5200 g Prep. Vol.: 50.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 8:51:50 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2575334.7	5.0191	0.04684	mg/L				0.93%
Ag 338.289	-18.9	-0.000213	0.0001438	mg/L	-0.025190	0.0170076	mg/kg	67.52%
Ag 328.068	-24.5	-0.000175	0.0000309	mg/L	-0.020683	0.0036597	mg/kg	17.69%
Al 308.215	1031121.9	84.279	0.0605	mg/L	9967.6	7.16	mg/kg	0.07%
As 188.979	35.6	0.032752	0.0047321	mg/L	3.8735	0.55966	mg/kg	14.45%
B 249.677	-743.5	0.042123	0.0001333	mg/L	4.9818	0.01577	mg/kg	0.32%
Ba 233.527	31085.2	0.54103	0.002189	mg/L	63.987	0.2589	mg/kg	0.40%
Be 313.107	9816.8	0.004750	0.0000340	mg/L	0.56181	0.004024	mg/kg	0.72%
Ca 430.253	77820.7	28.906	0.0870	mg/L	3418.7	10.28	mg/kg	0.30%
Ca 317.933	2727161.5	27.433	0.2176	mg/L	3244.4	25.74	mg/kg	0.79%
Cd 226.502	416.1	0.002324	0.0001202	mg/L	0.27481	0.014216	mg/kg	5.17%
Co 228.616	1909.5	0.079446	0.0006939	mg/L	9.3960	0.08207	mg/kg	0.87%
Cr 267.716	9242.5	0.13919	0.000685	mg/L	16.462	0.0810	mg/kg	0.49%
Cu 324.752	37904.9	0.17693	0.000087	mg/L	20.925	0.0103	mg/kg	0.05%
Fe 302.107	505701.3	147.93	0.257	mg/L	17496	30.3	mg/kg	0.17%
Fe 238.204	6695798.2	134.31	1.152	mg/L	15885	136.3	mg/kg	0.86%
Mg 279.077	259039.2	28.754	0.0261	mg/L	3400.7	3.08	mg/kg	0.09%
Mn 257.610	1237343.9	2.6661	0.00281	mg/L	315.32	0.332	mg/kg	0.11%
Mo 202.031	41.5	0.004792	0.0002844	mg/L	0.56674	0.033636	mg/kg	5.93%
Ni 231.604	5388.3	0.20211	0.002344	mg/L	23.903	0.2773	mg/kg	1.16%
Pb 220.353	977.3	0.22251	0.002612	mg/L	26.316	0.3089	mg/kg	1.17%
Sb 206.836	-7.0	-0.004135	0.0002063	mg/L	-0.48906	0.024401	mg/kg	4.99%
Se 196.026	-32.6	-0.005020	0.0090724	mg/L	-0.59373	1.072981	mg/kg	180.72%
Ti 336.121	34844.9	0.11174	0.000729	mg/L	13.216	0.0863	mg/kg	0.65%
Tl 190.801	-43.4	-0.009110	0.0001805	mg/L	-1.0774	0.02135	mg/kg	1.98%
V 292.402	20612.3	0.17109	0.000512	mg/L	20.235	0.0606	mg/kg	0.30%
Zn 206.200	22877.4	0.70838	0.006195	mg/L	83.780	0.7327	mg/kg	0.87%
Sn 189.927	-161.7	-0.018603	0.0016150	mg/L	-2.2002	0.19101	mg/kg	8.68%

Mean Data

ID: FLUSH Seq. No.: 65 Sample No.: 47 A/S Pos: 55
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 8:58:06 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2597502.0	5.0623	0.02580	mg/L				0.51%
Ag 338.289	11.3	0.000127	0.0003127	mg/L	0.000127	0.0003127	mg/L	245.35%
Ag 328.068	-38.8	-0.000277	0.0001475	mg/L	-0.000277	0.0001475	mg/L	53.30%
Al 308.215	295.1	0.024120	0.0073042	mg/L	0.024120	0.0073042	mg/L	30.28%
As 188.979	2.5	0.002328	0.0022891	mg/L	0.002328	0.0022891	mg/L	98.35%
B 249.677	-358.9	-0.011102	0.0000025	mg/L	-0.011102	0.0000025	mg/L	0.02%
Ba 233.527	-4.6	-0.000080	0.0000752	mg/L	-0.000080	0.0000752	mg/L	93.54%
Be 313.107	-721.6	-0.000349	0.0000192	mg/L	-0.000349	0.0000192	mg/L	5.48%
Ca 430.253	29.1	0.010826	0.0139496	mg/L	0.010826	0.0139496	mg/L	128.85%
Ca 317.933	123.6	0.001243	0.0048488	mg/L	0.001243	0.0048488	mg/L	390.12%
Cd 226.502	-38.6	-0.000867	0.0000751	mg/L	-0.000867	0.0000751	mg/L	8.66%
Co 228.616	2.3	0.000095	0.0001793	mg/L	0.000095	0.0001793	mg/L	188.92%
Cr 267.716	-43.3	-0.000652	0.0000760	mg/L	-0.000652	0.0000760	mg/L	11.66%
Cu 324.752	-1843.2	-0.008603	0.0000078	mg/L	-0.008603	0.0000078	mg/L	0.09%
Fe 302.107	186.3	0.054494	0.0241478	mg/L	0.054494	0.0241478	mg/L	44.31%
Fe 238.204	3131.3	0.062811	0.0298065	mg/L	0.062811	0.0298065	mg/L	47.45%
Mg 279.077	-25.7	-0.002842	0.0057057	mg/L	-0.002842	0.0057057	mg/L	200.79%

Mn 257.610	514.6	0.001109	0.0004615 mg/L	0.001109	0.0004615 mg/L	41.62%
Mo 202.031	-3.5	-0.000404	0.0001008 mg/L	-0.000404	0.0001008 mg/L	24.98%
Ni 231.604	1.2	0.000043	0.0001132 mg/L	0.000043	0.0001132 mg/L	260.64%
Pb 220.353	9.2	0.002139	0.0002505 mg/L	0.002139	0.0002505 mg/L	11.71%
Sb 206.836	0.4	0.000247	0.0000626 mg/L	0.000247	0.0000626 mg/L	25.35%
Se 196.026	3.5	0.002968	0.0005064 mg/L	0.002968	0.0005064 mg/L	17.06%
Ti 336.121	36.0	0.000115	0.0000333 mg/L	0.000115	0.0000333 mg/L	28.86%
Tl 190.801	-1.0	-0.000500	0.0013727 mg/L	-0.000500	0.0013727 mg/L	274.48%
V 292.402	-6.2	-0.000047	0.0001315 mg/L	-0.000047	0.0001315 mg/L	282.64%
Zn 206.200	-3.3	-0.000102	0.0002083 mg/L	-0.000102	0.0002083 mg/L	205.12%
Sn 189.927	3.0	0.000660	0.0003658 mg/L	0.000660	0.0003658 mg/L	55.38%

Mean Data

ID: FLUSH Seq. No.: 66 Sample No.: 48 A/S Pos: 56
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 9:03:43 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	2583774.3	5.0355	0.04901	mg/L				0.97%
Ag 338.289	-10.7	-0.000121	0.0002517	mg/L	-0.000121	0.0002517	mg/L	208.06%
Ag 328.068	-76.0	-0.000542	0.0001203	mg/L	-0.000542	0.0001203	mg/L	22.21%
Al 308.215	-17.4	-0.001420	0.0054119	mg/L	-0.001420	0.0054119	mg/L	381.14%
As 188.979	1.1	0.001057	0.0001504	mg/L	0.001057	0.0001504	mg/L	14.23%
B 249.677	-392.6	-0.012143	0.0001513	mg/L	-0.012143	0.0001513	mg/L	1.25%
Ba 233.527	-12.0	-0.000210	0.0000740	mg/L	-0.000210	0.0000740	mg/L	35.32%
Be 313.107	-771.7	-0.000373	0.0000331	mg/L	-0.000373	0.0000331	mg/L	8.88%
Ca 430.253	8.1	0.003018	0.0101548	mg/L	0.003018	0.0101548	mg/L	336.43%
Ca 317.933	-1404.0	-0.014123	0.0007997	mg/L	-0.014123	0.0007997	mg/L	5.66%
Cd 226.502	-36.5	-0.000819	0.0000238	mg/L	-0.000819	0.0000238	mg/L	2.91%
Co 228.616	1.4	0.000058	0.0001161	mg/L	0.000058	0.0001161	mg/L	201.76%
Cr 267.716	-50.5	-0.000761	0.0001335	mg/L	-0.000761	0.0001335	mg/L	17.55%
Cu 324.752	-2002.5	-0.009347	0.0003498	mg/L	-0.009347	0.0003498	mg/L	3.74%
Fe 302.107	42.9	0.012538	0.0034286	mg/L	0.012538	0.0034286	mg/L	27.35%
Fe 238.204	343.0	0.006880	0.0038628	mg/L	0.006880	0.0038628	mg/L	56.14%
Mg 279.077	-108.0	-0.011931	0.0008707	mg/L	-0.011931	0.0008707	mg/L	7.30%
Mn 257.610	146.1	0.000315	0.0000761	mg/L	0.000315	0.0000761	mg/L	24.18%
Mo 202.031	-7.2	-0.000836	0.0001141	mg/L	-0.000836	0.0001141	mg/L	13.65%
Ni 231.604	-7.8	-0.000293	0.0001737	mg/L	-0.000293	0.0001737	mg/L	59.21%
Pb 220.353	7.7	0.001806	0.0005063	mg/L	0.001806	0.0005063	mg/L	28.03%
Sb 206.836	3.0	0.001761	0.0009546	mg/L	0.001761	0.0009546	mg/L	54.21%
Se 196.026	1.7	0.001433	0.0009052	mg/L	0.001433	0.0009052	mg/L	63.17%
Ti 336.121	47.4	0.000152	0.0000108	mg/L	0.000152	0.0000108	mg/L	7.09%
Tl 190.801	-6.7	-0.003332	0.0014867	mg/L	-0.003332	0.0014867	mg/L	44.61%
V 292.402	-29.7	-0.000223	0.0000869	mg/L	-0.000223	0.0000869	mg/L	38.91%
Zn 206.200	-14.4	-0.000445	0.0001744	mg/L	-0.000445	0.0001744	mg/L	39.16%
Sn 189.927	-1.7	-0.000383	0.0002612	mg/L	-0.000383	0.0002612	mg/L	68.15%

Mean Data

ID: CCB Seq. No.: 67 Sample No.: 6 A/S Pos: 1
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 9:09:19 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	2563612.6	4.9962	0.01772	mg/L				0.35%
Ag 338.289	5.4	0.000061	0.0001001	mg/L				165.00%
Ag 328.068	-59.7	-0.000426	0.0001851	mg/L				43.47%
Al 308.215	-94.2	-0.007696	0.0033179	mg/L				43.11%
As 188.979	1.6	0.001476	0.0042747	mg/L				289.57%
B 249.677	-370.9	-0.011475	0.0000873	mg/L				0.76%
Ba 233.527	-17.5	-0.000305	0.0000623	mg/L				20.39%
Be 313.107	-772.6	-0.000374	0.0000011	mg/L				0.29%
Ca 430.253	20.4	0.007590	0.0015545	mg/L				20.48%
Ca 317.933	-1314.9	-0.013227	0.0010507	mg/L				7.94%
Cd 226.502	-41.9	-0.000941	0.0000088	mg/L				0.94%
Co 228.616	-1.3	-0.000053	0.0001575	mg/L				295.85%
Cr 267.716	-47.3	-0.000712	0.0000702	mg/L				9.86%
Cu 324.752	-1947.3	-0.009089	0.0000388	mg/L				0.43%
Fe 302.107	15.9	0.004664	0.0034475	mg/L				73.91%
Fe 238.204	-175.6	-0.003522	0.0006969	mg/L				19.79%
Mg 279.077	-120.0	-0.013263	0.0004683	mg/L				3.53%
Mn 257.610	67.3	0.000145	0.0000277	mg/L				19.09%

Mo 202.031	-2.9	-0.000339	0.0001374 mg/L	40.58%
Ni 231.604	-24.7	-0.000928	0.0000403 mg/L	4.35%
Pb 220.353	9.1	0.002119	0.0000758 mg/L	3.58%
Sb 206.836	-0.0	-0.000026	0.0007909 mg/L	>999.9%
Se 196.026	9.0	0.007617	0.0024829 mg/L	32.60%
Ti 336.121	37.8	0.000121	0.0000755 mg/L	62.27%
Tl 190.801	-3.2	-0.001582	0.0018782 mg/L	118.72%
V 292.402	-35.4	-0.000266	0.0002665 mg/L	100.20%
Zn 206.200	-28.2	-0.000873	0.0002033 mg/L	23.30%
Sn 189.927	2.1	0.000459	0.0003122 mg/L	67.98%

Mean Data ----------

ID: CCV Seq. No.: 68 Sample No.: 5 A/S Pos: 4
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 9:15:00 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	2550954.2	4.9716	0.02164	mg/L				0.44%
Ag 338.289	90729.5	1.0221	0.00964	mg/L				0.94
Ag 328.068	144540.6	1.0304	0.00960	mg/L				0.93%
Al 308.215	11514.5	0.94114	0.008175	mg/L				0.87%
As 188.979	1094.1	1.0072	0.00380	mg/L				0.38%
B 249.677	32310.2	0.99949	0.017634	mg/L				1.76
Ba 233.527	60218.3	1.0481	0.00913	mg/L				0.87%
Be 313.107	2083509.3	1.0082	0.00566	mg/L				0.56%
Ca 430.253	2800.8	1.0403	0.00048	mg/L				0.05%
Ca 317.933	102042.2	1.0264	0.01381	mg/L				1.35%
Cd 226.502	45818.1	1.0289	0.01017	mg/L				0.99%
Co 228.616	25715.4	1.0699	0.00993	mg/L				0.93%
Cr 267.716	69933.7	1.0532	0.01075	mg/L				1.02%
Cu 324.752	219059.9	1.0225	0.00455	mg/L				0.44%
Fe 302.107	3269.1	0.95631	0.003088	mg/L				0.32%
Fe 238.204	52998.7	1.0631	0.01146	mg/L				1.08%
Mg 279.077	9457.5	1.0452	0.00900	mg/L				0.86%
Mn 257.610	492816.1	1.0619	0.00334	mg/L				0.31%
Mo 202.031	9258.7	1.0687	0.00733	mg/L				0.69%
Ni 231.604	28044.5	1.0519	0.00772	mg/L				0.73%
Pb 220.353	4402.8	1.0266	0.01194	mg/L				1.16%
Sb 206.836	1746.2	1.0260	0.00623	mg/L				0.61%
Se 196.026	1173.2	0.99492	0.006671	mg/L				0.67%
Ti 336.121	312300.4	1.0015	0.00429	mg/L				0.43%
Tl 190.801	2128.7	1.0602	0.00756	mg/L				0.71%
V 292.402	137290.2	1.0321	0.01000	mg/L				0.97%
Zn 206.200	34739.2	1.0757	0.01226	mg/L				1.14%
Sn 189.927	4733.9	1.0386	0.00866	mg/L				0.83%

Mean Data ----------

ID: ICS A Seq. No.: 69 Sample No.: 3 A/S Pos: 7
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 9:21:15 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	2216645.6	4.3200	0.02021	mg/L				0.47%
Ag 338.289	479.4	0.005400	0.0000578	mg/L				1.07%
Ag 328.068	14.6	0.000104	0.0001579	mg/L				151.34%
Al 308.215	6645659.8	543.09	3.699	mg/L				0.68%
As 188.979	-45.8	-0.035107	0.0022802	mg/L				6.50%
B 249.677	-4320.0	-0.029244	0.0010880	mg/L				3.72%
Ba 233.527	-192.3	-0.003347	0.0000448	mg/L				1.34%
Be 313.107	-390.8	-0.000189	0.0000446	mg/L				23.60%
Ca 430.253	1958174.7	727.20	0.863	mg/L				0.12%
*QC exceeds upper limit for Ca 430.253 Recovery = 145.44% Action = Continue								
Ca 317.933	48437681.5	487.11	3.980	mg/L				0.82%
Cd 226.502	593.9	0.002081	0.0001624	mg/L				7.80%
Co 228.616	30.4	-0.006541	0.0000445	mg/L				0.68%
Cr 267.716	-259.7	-0.003910	0.0000430	mg/L				1.10%
Cu 324.752	-1081.3	-0.010680	0.0003436	mg/L				3.22%
Fe 302.107	810654.2	237.14	0.197	mg/L				0.08%
Fe 238.204	8361897.4	167.73	1.103	mg/L				0.66%
Mg 279.077	5196071.9	574.44	0.220	mg/L				0.04%
Mn 257.610	3378.3	-0.005141	0.0000272	mg/L				0.53%

Mo 202.031	-26.8	-0.007489	0.0004433	mg/L	5.92%
Ni 231.604	-25.7	-0.006001	0.0000169	mg/L	0.28%
Pb 220.353	-78.0	0.003090	0.0041464	mg/L	134.21%
Sb 206.836	-31.1	-0.035466	0.0034443	mg/L	9.71%
Se 196.026	-44.4	0.018752	0.0057813	mg/L	30.83%
Ti 336.121	-613.3	-0.001967	0.0001573	mg/L	7.99%
Tl 190.801	-67.9	0.002247	0.0018556	mg/L	82.57%
V 292.402	-3237.3	0.001530	0.0001959	mg/L	12.80%
Zn 206.200	688.7	-0.015823	0.0002998	mg/L	1.89%
Sn 189.927	-388.5	-0.22309	0.000739	mg/L	0.33%

Mean Data

ID: ICS AB Seq. No.: 70 Sample No.: 4 A/S Pos: B
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 12/28/2000 9:27:57 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	2202508.8	4.2925	0.01687	mg/L				0.39%
Ag 338.289	110580.0	1.2457	0.00664	mg/L				0.53%
*QC exceeds upper limit for Ag 338.289		Recovery = 124.57%		Action = Continue				
Ag 328.068	174338.1	1.2428	0.00552	mg/L				0.44%
*QC exceeds upper limit for Ag 328.068		Recovery = 124.28%		Action = Continue				
Al 308.215	6712566.8	548.55	1.747	mg/L				0.32%
As 188.979	1137.4	1.0542	0.00852	mg/L				0.81%
B 249.677	31128.8	1.0682	0.01356	mg/L				1.27%
Ba 233.527	59563.8	1.0367	0.00402	mg/L				0.39%
Be 313.107	2217856.4	1.0732	0.00314	mg/L				0.29%
Ca 430.253	1960713.6	728.15	0.908	mg/L				0.12%
Ca 317.933	48538210.9	488.12	3.632	mg/L				0.74%
Cd 226.502	44753.5	0.99360	0.002104	mg/L				0.21%
Co 228.616	23113.6	0.95377	0.003590	mg/L				0.38%
Cr 267.716	68446.8	1.0308	0.00439	mg/L				0.43%
Cu 324.752	228076.5	1.0589	0.00505	mg/L				0.48%
Fe 302.107	817491.0	239.14	0.260	mg/L				0.11%
Fe 238.204	8384140.7	168.18	1.202	mg/L				0.71%
Mg 279.077	5174351.9	572.04	1.747	mg/L				0.31%
Mn 257.610	490469.6	1.0445	0.00459	mg/L				0.44%
Mo 202.031	8807.6	1.0123	0.00537	mg/L				0.53%
Ni 231.604	24841.0	0.92669	0.003935	mg/L				0.42%
Pb 220.353	4102.8	0.97814	0.006697	mg/L				0.68%
Sb 206.836	1820.5	1.0523	0.00982	mg/L				0.93%
Se 196.026	1222.4	1.0935	0.00083	mg/L				0.08%
Ti 336.121	325279.2	1.0431	0.00466	mg/L				0.45%
Tl 190.801	1856.5	0.96083	0.000380	mg/L				0.04%
V 292.402	135804.6	1.0470	0.00604	mg/L				0.58%
Zn 206.200	33567.5	1.0021	0.00158	mg/L				0.16%
Sn 189.927	-416.5	-0.22903	0.001533	mg/L				0.67%

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street
Buffalo, NY 14207
(716) 876-5290

Analytical Data Report
Report Date : 12/28/00
Group Numbers : 2001-2612

Prepared For :
Mr. Charles Ducel
URS Corporation Group Consultants
282 Delaware Ave.
Buffalo, NY 14202-1090

Site: Amadori Construction

Analytical Services

Analytical Parameters	Number of Samples	Turnaround Time
Total Chromium	4	Standard

Report Released By : Daniel W. Vollmer

Daniel Vollmer, Laboratory QA/QC Officer

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977

2001-2612

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 35815.03

SITE NAME AMADORI CONST

SAMPLERS (PRINT/SIGNATURE) JIM MCNNIN JIM MCNNIN

LAB WASTE STREAM

COOLER 1 of 1

PAGE 1 of 1

DELIVERY SERVICE: ---- AIRBILL NO.: ----

TESTS: TOTAL CHROMIUM

BOTTLE TYPE AND PRESERVATIVE: 4oz GLASS

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO.# (IRPIMS ONLY)	
LBP-1	12/21/00	0730	Comp	SW1	SO	4	1	SW SIDEWALL	N	1'	1'	WS 753
LBP-1	12/21/00	0740	Comp	SW2	SO		1	" " "	N	1'	1'	WS 75
LBP-1	12/21/00	0745	Comp	SW3	SO		1	" " "	N	1'	1'	WS 75
LBP-1	12/21/00	0750	Comp	BB1	SO		1	BB BOTTOM	N	1'	1'	WS 75

MATRIX CODES

AA - AMBIENT AIR; SE - SEDIMENT; SD - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES

TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FD# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
JIM MCNNIN	12/21/00	0830	[illegible]	12/21	830
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME
				12/21/00	0855

SPECIAL INSTRUCTIONS

Distribution: Original accompanies shipment, copy to coordinator field files

URSF 075C/1 OF 1/ColCR/GCM

Waste Stream Technology, Inc.
302 Grote Street
Buffalo, NY 14207
(716) 876-5290

Analytical Data Report

Group Number: 2001-2612
Site: Amadori Construction

Field and Laboratory Information

WST ID	Client ID	Matrix	Date Sampled	Date Received	Time
WS75309	SW1	Soil	12/21/00	12/21/00	08:55
WS75310	SW2	Soil	12/21/00	12/21/00	08:55
WS75311	SW3	Soil	12/21/00	12/21/00	08:55
WS75312	BB1	Soil	12/21/00	12/21/00	08:55

METHODOLOGIES

The specific methodologies employed in obtaining the analytical data reported are indicated on each of the result forms. The method numbers shown refer to the following U.S. Environmental Protection Agency Reference:

Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020. March 1979, Revised 1983, U.S. Environmental Monitoring and Support Laboratory, Cincinnati, Ohio 45268.

Federal Register, 40 CFR Part 136: Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act. Revised July 1992.

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. Third Edition. Revised December 1996. U.S. EPA SW-846.

Annual Book of ASTM Standards, Volume II. ASTM, 100 Harbor Drive, West Conshohocken, PA 19428-2959.

Standard Methods for the Examination of Water and Wastewater. (20th Edition). American Public Health Association, 1105 18th Street, NW. Washington, D.C. 20036.

Waste Stream Technology, Inc.

Metals Analysis Report

Chromium by ICP

SW-846 6010

Site: Amadori Construction
Date Sampled: 12/21/00
Date Received: 12/21/00

Group Number: 2001-2612
Units: mg/Kg
Matrix: Soil

Date Digested: 12/22/00

WST ID	Client ID	Detection Limit	Result	Date Analyzed
WS75309	SW1	1.00	155	12/22/00
WS75310	SW2	1.00	38.4	12/22/00
WS75311	SW3	1.00	72.7	12/22/00
WS75312	BB1	1.00	36.0	12/22/00

Quality Control Analysis Result Reports

Waste Stream Technology, Inc.

Metals Analysis Result Report
Method Blank Analysis Summary

Site : Amadori Construction
Group Number: 2001-2612

Report Units: mg/Kg
Matrix: Soil

	Lab ID	MB122200 S1		
	Date Digested	12/22/00		
Analyte	Detection Limit	Result	Date Analyzed	Analysis Method
Chromium	1.00	Not Detected	12/22/00	SW-846 6010B

MB denotes Method Blank

Waste Stream Technology Inc

Metals Analysis Result Report
Laboratory Control Sample (LCS) Analysis Summary

Site : Amadori Construction
Group Number: 2001-2612

Report Units: % Recovery
Matrix: Soil

	Lab ID	RF122200 S1			
	Date Digested	12/22/00			
Analyte	LCS % Recovery QC Limits	Spike Amount (mg/Kg)	LCS Result % Recovery	Date Analyzed	Analysis Method
Chromium	85 - 115	100	99	12/22/00	SW-846 6010B

RF denotes Laboratory Control Sample.

Waste Stream Technology, Inc.

Dissolved Metals Analysis Result Report
Duplicate Sample Analysis Summary

Site : Amadori Construction
Group Number : 2001-2612

Report Units : mg/Kg
Matrix : Soil

Lab ID Number	WS75312	WS75312-DUP		
Date Digested	12/22/00	12/22/00		
Date Analyzed	12/22/00	12/22/00	RPD	RPD
Analyte	Initial Result	Duplicate Result	(%)	QC Limits (%)
Chromium	36.0	43.3	18.4	25

Dup denotes sample duplicate.

Waste Stream Technology, Inc.

Metals Analysis Result Report

Matrix Spike Analysis Summary

Site : Amadori Construction
Group Number : 2001-2612

Report Units : % Recovery
Matrix : Soil

	Lab ID Number	WS75312	
	Date Digested	12/22/00	
	Date Analyzed	12/22/00	Analysis
Analyte	QC Limits	% Recovery	Method
Chromium	75 - 125	116	SW-846 6010

SUPPORTING RAW DATA

Metals Digestion Log

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PROJECT

Notebook No.

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DATE + INITIALS	VES #	SAMPLE ID	SAMPLE WT / VOL	FINAL VOL	METHOD	MATRIX	SPIKE AMT + ID
12/21/00 SD	4	LD375310	0.54g	50mL	3051	Soil	
	5	311	0.52g				
	6	312	0.54g				
	7B	312 DUP	0.51g				
	8B ✓	312 SPK	0.51g				0.5 mL Met I @ 5
12/22/00 SD	1	MB122200-S1	10 mL	50mL	3051	Soil	
	2	RF122200 S1	↓				0.5 mL Met I 18 S
	3B	LD375309	0.55g				
	4B	310	0.52g				
	5	311	0.54g				
	6	312	0.52g				
	7B	312 DUP	0.53g				
	8B	312 SPK	0.50g				0.5 mL Met I 18 S
12/27/00 SD	1	MB122700-S1	10 mL	50mL	3051	Soil	
	2	RF122700 S1	↓				0.5 mL Met I 18 S
	3	LD375402	0.52g				
	4	403	0.52g				
	5	403 DUP	0.52g				
	6	403 SPK	0.54g				0.5 mL Met I 18 S
12/28/00	1C	MB122800-S1	10 mL	50mL	3051	Soil	
	2C	RF122800 S1	↓				0.5 mL Met I 18 S
	3C	LD375403	0.51g				
	4C	403 DUP	0.50g				
	5C ✓	403 SPK	0.51g				0.5 mL Met I 18 S
01/03/01 SD	1A	MB010301-S1	10 mL	50 mL	3051	Soil	
	2A	RF010301 S1	↓				0.5 mL Met I 18 S
	3	LD375502	0.24g				0.12 mL Met I 18 S
	4A	LD375552	0.24g				
	5A	552 DUP	0.25g				
	6A ✓	552 SPK1	0.25g				0.5 mL Met I 18 S
	7A ✓	552 SPK2	0.25g				0.11 mL Met I 18 S
	8A	553	0.24g				
	9A	554	0.25g				
	10A	555	0.25g				

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LAB ID #	CLIENT	ANALYSIS	TOTAL VESSEL WT	FULL VESSEL WT	FINAL VESSEL WT	COMMENTS
BC0216	URS	Mets	229.06	244.15	244.12	
			227.96	242.60	241.42	
			228.55	243.67	243.63	
			226.60	241.81	241.76	
			225.99	241.60	241.53	
		Cd	227.87	242.63	242.56	
			227.10	242.42	242.38	
			232.04	247.34	247.28	
			226.19	241.48	241.25	
			227.18	242.96	241.90	
			229.65	244.98	244.85	
			228.98	244.23	244.19	
			228.50	244.50	244.18	
		Cr	226.10	240.76	240.72	
			226.37	241.78	241.50	
			226.67	241.89	241.31	
			229.01	239.99	239.94	
			232.02	246.16	242.14	
			231.62	247.30	247.30	
			228.02	242.81	242.80	
			226.60	241.91	241.89	
			229.42	239.73	239.72	B.G. METHOD VERY DIFFICULT BECAUSE SOIL WAS WET
			229.19	244.95	244.36	
			227.38	243.21	243.19	
	NOCD	Zn, V, Ni, Cu, K	227.75	242.97	242.45	
			228.08	243.85	243.27	
			227.13	241.91	241.89	
			228.94	243.34	243.19	
			229.30	244.10	243.93	
			227.49	242.92	242.52	
			228.54	243.47	243.28	
			228.25	243.10	242.93	
		As	227.28	242.54	242.53	
			227.24	242.19	242.94	

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Percent Solids Log

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DATE	CLIENT	BAMPETD	TIN WT	TIN WET WT	TIN DRY WT	% SOLIDS	% MOISTURE
12/13/00	REPTECH	74975	2.72	4.84	4.84	100.00	
		74976	2.61	5.29	5.29	100.00	
	PANAMER	74783	2.65	11.23	9.22	76.57	
						RGW 12/13/00	
12/13/00	GES	74715	2.63	10.53	9.24	83.67	
		74716	2.61	9.44	7.74	75.11	
		74717	2.62	11.22	9.63	81.51	
		74718	2.59	9.36	8.17	82.42	
		74719	2.64	9.57	8.19	80.08	
	ZCS	74821	2.59	10.91	9.49	82.93	
	Barron	75084	2.64	11.39	10.53	90.17	
		75085	2.60	8.30	7.77	90.70	
		75086	2.70	9.71	8.98	89.59	
		75087	2.69	10.42	9.82	92.24	
12/15/00	RDHAMBRG	75112	2.63	11.02	9.00	75.92	
12/19/00	INTWASTE	73763	2.67	14.40	13.33	89.94	
		74955	2.69	12.01	11.68	96.46	
12/19/00	RDDUMONT	75202	2.63	12.64	9.87	72.33	
		203	2.65	13.23	12.08	89.13	
		204	2.69	30.69	21.51	67.21	
12/20/00	BBL/CWM	75163	2.63	4.22	6.25	14.76	
		75164	2.61	7.74	5.93	14.22	
		75165	2.59	11.41	6.77	47.39	
		75166	2.63	8.39	5.40	48.09	
		75167	2.60	8.79	5.28	43.29	
		75168	2.58	9.53	5.72	45.18	
		75169	2.59	11.63	6.44	47.01	
12/21/00		75222	2.46	10.46	8.49	75.38	
		75223	2.46	16.79	15.03	87.72	
		75224	2.47	10.82	9.43	93.35	
		75295	2.62	10.56	9.15	82.24	
	URS	75309	2.45	12.21	10.39	81.35	
		75310	2.62	13.84	12.09	84.40	
		75311	2.67	14.98	13.48	87.81	
		75312	2.47	14.91	12.68	82.74	

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TIME IN	TEMP	INITIALS	TIME/DATE OUT	TEMP	INITIALS	COMMENTS
0935	107°C	SD	12/14 0920	104°C	LH	
1500		TE				
1710	104	RGW				
1130	106°C	SD	12/15/00 0830	107°	LH	
1020	107°C	LH	12/20/00	106	TF	
			1500			
1635	109°C	SD	12/20/00	10 09°C	JP	
			JP 10			
1640	97°C	LH	0820 12/21/00	100°C	LH	
1530	100°C	TE	0820 12/22/00	108°C		

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Metals Analysis
Instrument Quality Control Analysis Abbreviations and Control Limits

Initial Calibration, Acceptable Correlation Co-efficient = >0.997

Std 1	Level = 0.001 mg/L (0.1 mg/kg Soil Equivalent)
Std 2	Level = 0.005 mg/L (0.5 mg/kg Soil Equivalent)
Std 3	Level = 0.100 mg/L (10 mg/kg Soil Equivalent)
Std 4	Level = 1.000 mg/L (100 mg/kg Soil Equivalent)
Std 5	Level = 10.00 mg/L (1000 mg/kg Soil Equivalent)
ICV	Initial Calibration Verification Standard, Level = 10 mg/L Acceptable Range (± 5%) = 9.50 mg/L to 10.50 mg/L
CCB	Continuing Calibration Blank, Acceptable Limit = < 0.010 mg/L (1.0 mg/kg equivalent)
QC CHK	Quality Control Check Standard, Level = 1.0 mg/L Acceptable Range (± 10%) = 0.900 mg/L to 1.10 mg/L
ICS A	Interference Check Standard (Al, Ca, Fe, Mg only), Acceptable Limit = < 0.010 mg/L (1.0 mg/kg equivalent)
ICS AB	Interference Check Standard, Level = 1.0 mg/L Acceptable Range (± 20%) = 0.800 mg/L to 1.20 mg/L
MB	Method Blank, Acceptable Limit = < 0.010 mg/L (1.0 mg/kg equivalent)
RF	Laboratory Control Sample, Level = 1.0 mg/L (100 mg/kg equivalent) Acceptable Range (± 15%) = 0.850 mg/L to 1.15 mg/L (85% - 120%)
CCV	Continuing Calibration Verification, Level = 1.0 mg/L Acceptable Range (± 10%) = 0.900 mg/L to 1.10 mg/L

Method - TAL LIST Low Level
SIF File - 122200sb

ICP Analysis Date

Seq #	A/S Loc	ID	Category
1	1	Calib Blank	Calib Blank
2	106	Std 1	Calib Std.
3	2	Std 2	Calib Std.
4	3	Std 3	Calib Std.
5	4	Std 4	Calib Std.
6	5	Std 5	Calib Std.
7	5	ICV	QC
8	9	BLANK	Sample
9	1	CCB	QC
10	6	QC CHK	QC
11	7	ICS A	QC
12	8	ICS AB	QC
13	10	BLANK	Sample
14	11	FLUSH	Sample
15	12	MB122200 S1	Sample
16	13	RF122200 S1	Recovery
17	14	WS75309	Sample
18	15	WS75310	Sample
19	16	WS75311	Sample
20	17	WS75312	Sample
21	18	WS75312 DUP	Sample
22	19	WS75312 SPIKE	Sample
23	1	CCB	QC
24	4	CCV	QC
25	20	FLUSH	Sample
26	1	CCB	QC
27	21	MB121500 W3	Sample
28	22	RF121500 W3	Recovery
29	23	WS75068	Sample
30	24	FLUSH	Sample
31	25	FLUSH	Sample
32	26	MB122200 W1	Sample
33	27	RF122200 W1	Duplicate
34	1	CCB	QC
35	4	CCV	QC
36	28	WS75122	Sample
37	29	WS75122 MS	Recovery
38	30	WS75122 MSD	Recovery
39	31	WS75138	Sample
40	32	WS75140	Sample
41	33	WS75141	Sample
42	34	MB122200 W2	Sample
43	1	CCB	QC
44	4	CCV	QC
45	35	RF122200 W2	Recovery
46	36	WS75150	Sample
47	37	WS75292	Sample
48	38	WS75293	Sample
49	39	WS75177	Sample
50	40	WS75188	Sample
51	41	WS75281	Sample
52	42	WS75282	Sample
53	1	CCB	QC
54	4	CCV	QC
55	43	WS75287	Sample
56	44	WS75287 MS	Recovery
57	45	WS75287 MSD	Recovery
58	46	FLUSH	Sample
59	47	FLUSH	Sample
60	48	RF122200 W3	Recovery
61	49	WS74882	Sample
62	50	FLUSH	Sample
63	51	MB122100 W5	Sample
64	52	RF122100 W5	Recovery
65	1	CCB	QC

66	4	CCV	QC
67	53	WS75132	Sample
68	54	WS75133	Sample
69	55	WS75134	Sample
70	56	WS75135	Sample
71	57	WS75136	Sample
72	58	WS75137	Sample
73	59	WS75137 DUP	Duplicate
74	60	WS~~7527~~ SPIKE 75137	Recovery
75	61	WS75274	Sample
76	62	WS75275	Sample
77	1	CCB	QC
78	4	CCV	QC
79	63	WS75276	Sample
80	64	WS75277	Sample
81	65	WS75278	Sample
82	66	WS75279	Sample
83	67	RF122100 W6	Sample
84	68	FLUSH	Sample
85	69	FLUSH	Sample
86	1	CCB	QC
87	4	CCV	QC
88	7	ICS A	QC
89	8	ICS AB	QC

Calibration Summary
Method: TAL LIST Low Level Date: 12/22/200012:50:17 PM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.

Method: TAL LIST Low Level
Results: 122200B
Sample Info: 122200sb
Method Description: TAL LIST
IEC: 0607iecb.iec
Spectra Stored: Yes
User: User1
MSF:
Method Stored: No
Date: 12/22/2000 12:50:17 PM

Mean Data
ID: IS Init
Seq. No.: 1
Data: Original
A/S Pos: 1
Date: 12/22/2000 12:52:09 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD
Y 360.073	2279701.7	351.10	0.02%

Mean Data
ID: Calib Blank
Seq. No.: 2
Data: Original
A/S Pos: 1
Date: 12/22/2000 12:53:1e PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 360.073	2265277.3	1646.76	0.07%	4.9684	mg/L
Ag 338.289	238.8	12.12	5.08%	0	mg/L
Ag 328.068	-233.9	7.73	3.30%	0	mg/L
Al 308.215	4823.8	31.09	0.64%	0	mg/L
As 188.979	-16.4	2.26	13.77%	0	mg/L
B 249.677	351.0	3.12	0.89%	0	mg/L
Ba 233.527	-177.4	1.98	1.12%	0	mg/L
Be 313.107	-976.2	53.40	5.47%	0	mg/L
Ca 430.253	226.4	5.20	2.30%	0	mg/L
Ca 317.933	3931.7	82.36	2.09%	0	mg/L
Cd 226.502	-27.0	2.36	8.72%	0	mg/L
Co 228.616	-59.2	3.30	5.57%	0	mg/L
Cr 267.716	-31.1	1.28	4.11%	0	mg/L
Cu 324.752	3770.2	0.08	0.00%	0	mg/L
Fe 302.107	-159.1	3.39	2.13%	0	mg/L
Fe 238.204	22.0	2.14	9.72%	0	mg/L
Mg 279.077	-29.3	12.61	43.07%	0	mg/L
Mn 257.610	25.1	1.76	6.99%	0	mg/L
Mo 202.031	-28.5	1.83	6.42%	0	mg/L
Ni 231.604	-452.7	1.71	0.38%	0	mg/L
Pb 220.353	24.0	5.03	20.95%	0	mg/L
Sb 206.836	-21.6	0.62	2.88%	0	mg/L
Se 196.026	26.7	3.78	14.15%	0	mg/L
Ti 336.121	-1929.9	31.16	1.61%	0	mg/L
Tl 190.801	-56.1	0.54	0.95%	0	mg/L
V 292.402	-223.4	16.46	7.37%	0	mg/L
Zn 206.200	41.8	1.85	4.44%	0	mg/L
Sn 189.927	27.4	2.09	7.65%	0	mg/L

Mean Data
ID: Std 1
Seq. No.: 3
Data: Original
A/S Pos: 106
Date: 12/22/2000 12:58:12 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 360.073	2256836.6	21955.51	0.97%	4.9499	mg/L
Ag 338.289	125.1	6.24	4.99%	0.001	mg/L
Ag 328.068	166.9	26.16	15.67%	0.001	mg/L
Ba 233.527	67.4	0.50	0.74%	0.001	mg/L
Be 313.107	1767.8	17.03	0.96%	0.001	mg/L
Cd 226.502	42.5	4.09	9.64%	0.001	mg/L
Co 228.616	20.0	0.09	0.44%	0.001	mg/L
Cr 267.716	51.7	1.50	2.90%	0.001	mg/L
Cu 324.752	155.4	44.80	28.84%	0.001	mg/L
Mn 257.610	442.0	3.73	0.84%	0.001	mg/L

Mo 202.031	12.3	0.13	1.03%	0.001 mg/L
Ni 231.604	16.7	3.17	18.96%	0.001 mg/L
V 292.402	110.3	8.33	7.55%	0.001 mg/L
Zn 206.200	46.8	4.82	10.28%	0.001 mg/L

Mean Data
ID: Std 2 Seq. No.: 4 A/S Pos: 2
Data: Original Date: 12/22/2000 1:03:08 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 360.073	2260846.3	15106.65	0.67%	4.9586	mg/L
Ag 338.289	479.3	13.58	2.83%	0.005	mg/L
Ag 328.068	717.5	6.33	0.88%	0.005	mg/L
As 188.979	4.0	0.72	17.93%	0.005	mg/L
Ba 233.527	268.7	2.85	1.06%	0.005	mg/L
Be 313.107	8907.0	54.66	0.61%	0.005	mg/L
Cd 226.502	218.6	1.34	0.61%	0.005	mg/L
Co 228.616	103.1	0.64	0.62%	0.005	mg/L
Cr 267.716	276.8	7.43	2.69%	0.005	mg/L
Cu 324.752	947.8	22.09	2.33%	0.005	mg/L
Mn 257.610	2272.2	9.62	0.42%	0.005	mg/L
Mo 202.031	37.5	1.99	5.32%	0.005	mg/L
Ni 231.604	108.7	4.82	4.43%	0.005	mg/L
Pb 220.353	12.5	0.00	0.02%	0.005	mg/L
Sb 206.836	8.0	2.04	25.55%	0.005	mg/L
Se 196.026	3.9	1.04	26.99%	0.005	mg/L
Ti 336.121	1166.7	4.73	0.41%	0.005	mg/L
Tl 190.801	7.4	1.07	14.43%	0.005	mg/L
V 292.402	596.3	1.29	0.22%	0.005	mg/L
Zn 206.200	192.7	1.58	0.82%	0.005	mg/L
Sn 189.927	18.5	0.87	4.71%	0.005	mg/L

Mean Data
ID: Std 3 Seq. No.: 5 A/S Pos: 3
Data: Original Date: 12/22/2000 1:08:05 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 360.073	2261081.5	2783.05	0.12%	4.9592	mg/L
Ag 338.289	8590.4	32.11	0.37%	0.100	mg/L
Ag 328.068	13360.2	88.71	0.66%	0.100	mg/L
Al 308.215	1364.9	34.25	2.51%	0.100	mg/L
As 188.979	97.8	2.62	2.68%	0.100	mg/L
B 249.677	2893.3	21.83	0.75%	0.100	mg/L
Ba 233.527	5245.1	42.66	0.81%	0.100	mg/L
Be 313.107	182809.9	403.92	0.22%	0.100	mg/L
Ca 430.253	228.2	2.22	0.97%	0.100	mg/L
Ca 317.933	11196.1	80.17	0.72%	0.100	mg/L
Cd 226.502	4498.5	46.70	1.04%	0.100	mg/L
Co 228.616	2176.5	4.56	0.21%	0.100	mg/L
Cr 267.716	5956.8	33.08	0.56%	0.100	mg/L
Cu 324.752	20224.4	118.18	0.58%	0.100	mg/L
Fe 302.107	301.4	0.01	0.00%	0.100	mg/L
Fe 238.204	4771.3	25.31	0.53%	0.100	mg/L
Mg 279.077	936.1	1.25	0.13%	0.100	mg/L
Mn 257.610	44116.1	379.86	0.86%	0.100	mg/L
Mo 202.031	834.1	7.24	0.87%	0.100	mg/L
Ni 231.604	2381.6	6.45	0.27%	0.100	mg/L
Pb 220.353	403.2	2.59	0.64%	0.100	mg/L
Sb 206.836	163.1	2.12	1.30%	0.100	mg/L
Se 196.026	105.0	1.87	1.78%	0.100	mg/L
Ti 336.121	22857.7	174.31	0.76%	0.100	mg/L
Tl 190.801	197.4	9.12	4.62%	0.100	mg/L
V 292.402	12188.9	74.44	0.61%	0.100	mg/L
Zn 206.200	3123.9	2.47	0.08%	0.100	mg/L
Sn 189.927	414.6	10.71	2.58%	0.100	mg/L

Mean Data
ID: Std 4 Seq. No.: 6 A/S Pos: 4
Data: Original Date: 12/22/2000 1:13:08 PM

	Mean Corr.				Calib

Element	Intensity	Std.Dev.	RSD	Conc.	Units
Y 360.073	2259444.1	5321.22	0.24%	4.9556	mg/L
Ag 338.289	87644.5	76.11	0.09%	1.00	mg/L
Ag 328.068	136243.0	79.98	0.06%	1.00	mg/L
Al 308.215	11845.8	2.99	0.03%	1.00	mg/L
As 188.979	964.3	6.98	0.72%	1.00	mg/L
B 249.677	39782.2	169.13	0.43%	1.00	mg/L
Ba 233.527	53019.1	39.12	0.07%	1.00	mg/L
Be 313.107	1869141.1	771.21	0.04%	1.00	mg/L
Ca 430.253	2183.3	3.17	0.15%	1.00	mg/L
Ca 317.933	89009.6	134.00	0.15%	1.00	mg/L
Cd 226.502	45430.9	54.58	0.12%	1.00	mg/L
Co 228.616	22275.7	7.78	0.03%	1.00	mg/L
Cr 267.716	60685.1	56.85	0.09%	1.00	mg/L
Cu 324.752	208118.8	20.90	0.01%	1.00	mg/L
Fe 302.107	2963.6	27.78	0.94%	1.00	mg/L
Fe 238.204	48063.4	81.67	0.17%	1.00	mg/L
Mg 279.077	8624.7	3.85	0.04%	1.00	mg/L
Mn 257.610	447103.9	220.88	0.05%	1.00	mg/L
Mo 202.031	8561.8	31.65	0.37%	1.00	mg/L
Ni 231.604	24428.0	23.04	0.09%	1.00	mg/L
Pb 220.353	4030.7	27.86	0.69%	1.00	mg/L
Sb 206.836	1690.0	20.57	1.22%	1.00	mg/L
Se 196.026	1064.3	4.56	0.43%	1.00	mg/L
Ti 336.121	232642.6	430.18	0.18%	1.00	mg/L
Tl 190.801	2000.4	10.89	0.54%	1.00	mg/L
V 292.402	123560.9	19.90	0.02%	1.00	mg/L
Zn 206.200	29114.8	81.02	0.28%	1.00	mg/L
Sn 189.927	4264.1	22.92	0.54%	1.00	mg/L

Mean Data

ID: Std 5 Seq. No.: 7 A/S Pos: 5
Data: Original Date: 12/22/2000 1:18:28 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 360.073	2230889.2	9773.44	0.44%	4.8929	mg/L
Ag 338.289	895141.6	868.50	0.10%	10.00	mg/L
Ag 328.068	1379460.2	2067.24	0.15%	10.00	mg/L
Al 308.215	125934.5	282.97	0.22%	10.00	mg/L
As 188.979	9738.4	56.96	0.58%	10.00	mg/L
B 249.677	413312.7	1861.75	0.45%	10.00	mg/L
Ba 233.527	521760.2	1152.01	0.22%	10.00	mg/L
Be 313.107	18861710.4	54505.47	0.29%	10.00	mg/L
Ca 430.253	24241.3	37.45	0.15%	10.00	mg/L
Ca 317.933	898673.5	1881.09	0.21%	10.00	mg/L
Cd 226.502	449855.6	757.03	0.17%	10.00	mg/L
Co 228.616	220661.7	277.55	0.13%	10.00	mg/L
Cr 267.716	606721.3	1042.83	0.17%	10.00	mg/L
Cu 324.752	2158104.0	2606.32	0.12%	10.00	mg/L
Fe 302.107	31791.4	18.06	0.06%	10.00	mg/L
Fe 238.204	475531.8	692.51	0.15%	10.00	mg/L
Mg 279.077	86564.7	93.92	0.11%	10.00	mg/L
Mn 257.610	4346176.8	7097.05	0.16%	10.00	mg/L
Mo 202.031	84941.8	82.29	0.10%	10.00	mg/L
Ni 231.604	243127.3	481.22	0.20%	10.00	mg/L
Pb 220.353	39706.9	116.92	0.29%	10.00	mg/L
Sb 206.836	17286.0	67.69	0.39%	10.00	mg/L
Se 196.026	10914.8	55.12	0.50%	10.00	mg/L
Ti 336.121	2298739.8	1104.11	0.05%	10.00	mg/L
Tl 190.801	19665.0	81.96	0.42%	10.00	mg/L
V 292.402	1251253.0	1807.13	0.14%	10.00	mg/L
Zn 206.200	290484.3	645.80	0.22%	10.00	mg/L
Sn 189.927	42450.7	114.95	0.27%	10.00	mg/L

Calibration Summary

Method: TAL LIST Low Level Date: 12/22/2000 1:19:19 PM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 338.289	5	Linear-thru-Zero	0.0	89495.3	0.00000	0.999997
Ag 328.068	5	Linear-thru-Zero	0.0	137928.7	0.00000	0.999999

Al 308.215	3	Linear-thru-Zero	0.0	12586.1	0.00000	0.999975
As 188.979	4	Linear-thru-Zero	0.0	973.7	0.00000	0.999999
B 249.677	3	Linear-thru-Zero	0.0	41314.7	0.00000	0.999984
Ba 233.527	5	Linear-thru-Zero	0.0	52184.4	0.00000	0.999998
Be 313.107	5	Linear-thru-Zero	0.0	1885996.7	0.00000	0.999999
Ca 430.253	3	Linear-thru-Zero	0.0	2421.7	0.00000	0.999930
Ca 317.933	3	Linear-thru-Zero	0.0	89861.0	0.00000	0.999995
Cd 226.502	5	Linear-thru-Zero	0.0	44990.0	0.00000	0.999999
Co 228.616	5	Linear-thru-Zero	0.0	22068.2	0.00000	0.999999
Cr 267.716	5	Linear-thru-Zero	0.0	60672.1	0.00000	1.000000
Cu 324.752	5	Linear-thru-Zero	0.0	215732.9	0.00000	0.999992
Fe 302.107	3	Linear-thru-Zero	0.0	3177.0	0.00000	0.999967
Fe 238.204	3	Linear-thru-Zero	0.0	47558.2	0.00000	0.999999
Mg 279.077	3	Linear-thru-Zero	0.0	8656.2	0.00000	0.999999
Mn 257.610	5	Linear-thru-Zero	0.0	434741.9	0.00000	0.999995
Mo 202.031	5	Linear-thru-Zero	0.0	8494.8	0.00000	1.000000
Ni 231.604	5	Linear-thru-Zero	0.0	24313.8	0.00000	1.000000
Pb 220.353	4	Linear-thru-Zero	0.0	3971.3	0.00000	0.999998
Sb 206.836	4	Linear-thru-Zero	0.0	1728.2	0.00000	0.999997
Se 196.026	4	Linear-thru-Zero	0.0	1091.2	0.00000	0.999996
Ti 336.121	4	Linear-thru-Zero	0.0	229901.3	0.00000	0.999999
Tl 190.801	4	Linear-thru-Zero	0.0	1966.8	0.00000	0.999998
V 292.402	5	Linear-thru-Zero	0.0	125109.5	0.00000	0.999999
Zn 206.200	5	Linear-thru-Zero	0.0	29049.3	0.00000	1.000000
Sn 189.927	4	Linear-thru-Zero	0.0	4245.2	0.00000	1.000000

Mean Data ----------

ID: ICV Seq. No.: 8 Sample No.: 1 A/S Pos: 5
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 12/22/2000 1:23:54 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	2233606.4	4.8989	0.02055	mg/L				0.42%
Ag 338.289	894975.0	10.000	0.0174	mg/L				0.17%
Ag 328.068	1379378.0	10.001	0.0175	mg/L				0.17%
Al 308.215	125928.7	10.005	0.0148	mg/L				0.15%
As 188.979	9753.7	10.017	0.0074	mg/L				0.07%
B 249.677	416560.0	10.083	0.0064	mg/L				0.06%
Ba 233.527	523413.1	10.030	0.0152	mg/L				0.15%
Be 313.107	18981877.6	10.065	0.0722	mg/L				0.72%
Ca 430.253	24066.9	9.9379	0.01226	mg/L				0.12%
Ca 317.933	902119.4	10.039	0.0227	mg/L				0.23%
Cd 226.502	451111.3	10.027	0.0105	mg/L				0.10%
Co 228.616	221158.3	10.022	0.0088	mg/L				0.09%
Cr 267.716	608348.4	10.027	0.0083	mg/L				0.08%
Cu 324.752	2156580.6	9.9965	0.04362	mg/L				0.44%
Fe 302.107	31654.0	9.9635	0.03392	mg/L				0.34%
Fe 238.204	476766.5	10.025	0.0011	mg/L				0.01%
Mg 279.077	86715.2	10.018	0.0002	mg/L				0.00%
Mn 257.610	4358277.3	10.025	0.0037	mg/L				0.04%
Mo 202.031	85088.3	10.016	0.0004	mg/L				0.00%
Ni 231.604	243758.0	10.025	0.0090	mg/L				0.09%
Pb 220.353	39679.2	9.9915	0.07376	mg/L				0.74%
Sb 206.836	17238.4	9.9747	0.04943	mg/L				0.50%
Se 196.026	10920.8	10.008	0.0094	mg/L				0.09%
Ti 336.121	2300591.3	10.007	0.0122	mg/L				0.12%
Tl 190.801	19591.2	9.9607	0.01607	mg/L				0.16%
V 292.402	1253637.5	10.020	0.0035	mg/L				0.03%
Zn 206.200	291955.9	10.050	0.0254	mg/L				0.25%
Sn 189.927	42458.6	10.001	0.0460	mg/L				0.46%

Mean Data ----------

ID: BLANK Seq. No.: 9 Sample No.: 1 A/S Pos: 9
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/22/2000 1:28:59 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	2255044.4	4.9459	0.05050	mg/L				1.02%
Ag 338.289	761.9	0.008513	0.0010769	mg/L	0.008513	0.0010769	mg/L	12.65%
Ag 328.068	1190.3	0.008629	0.0010788	mg/L	0.008629	0.0010788	mg/L	12.50%
Al 308.215	79.8	0.006339	0.0044707	mg/L	0.006339	0.0044707	mg/L	70.53%

As 188.979	11.7	0.012037	0.0077007 mg/L	0.012037	0.0077007 mg/L	63.98%
B 249.677	5174.7	0.12525	0.010497 mg/L	0.12525	0.010497 mg/L	8.38%
Ba 233.527	481.9	0.009234	0.0009853 mg/L	0.009234	0.0009853 mg/L	10.67%
Be 313.107	20421.9	0.010828	0.0013924 mg/L	0.010828	0.0013924 mg/L	12.86%
Ca 430.253	-5.5	-0.002269	0.0175300 mg/L	-0.002269	0.0175300 mg/L	772.56%
Ca 317.933	504.7	0.005617	0.0025927 mg/L	0.005617	0.0025927 mg/L	46.16%
Cd 226.502	443.3	0.009852	0.0011883 mg/L	0.009852	0.0011883 mg/L	12.06%
Co 228.616	216.4	0.009805	0.0009192 mg/L	0.009805	0.0009192 mg/L	9.37%
Cr 267.716	560.4	0.009237	0.0011276 mg/L	0.009237	0.0011276 mg/L	12.21%
Cu 324.752	10636.1	0.049302	0.0043282 mg/L	0.049302	0.0043282 mg/L	8.78%
Fe 302.107	15.5	0.004868	0.0016099 mg/L	0.004868	0.0016099 mg/L	33.07%
Fe 238.204	382.5	0.008043	0.0013721 mg/L	0.008043	0.0013721 mg/L	17.06%
Mg 279.077	103.5	0.011955	0.0006381 mg/L	0.011955	0.0006381 mg/L	5.34%
Mn 257.610	4456.9	0.010252	0.0013959 mg/L	0.010252	0.0013959 mg/L	13.62%
Mo 202.031	88.4	0.010402	0.0007985 mg/L	0.010402	0.0007985 mg/L	7.68%
Ni 231.604	238.0	0.009788	0.0009368 mg/L	0.009788	0.0009368 mg/L	9.57%
Pb 220.353	33.2	0.008349	0.0011351 mg/L	0.008349	0.0011351 mg/L	13.60%
Sb 206.836	20.6	0.011945	0.0024772 mg/L	0.011945	0.0024772 mg/L	20.74%
Se 196.026	8.4	0.007695	0.0062388 mg/L	0.007695	0.0062388 mg/L	81.08%
Ti 336.121	2395.7	0.010420	0.0012996 mg/L	0.010420	0.0012996 mg/L	12.47%
Tl 190.801	19.9	0.010118	0.0002212 mg/L	0.010118	0.0002212 mg/L	2.19%
V 292.402	1226.0	0.009800	0.0013590 mg/L	0.009800	0.0013590 mg/L	13.87%
Zn 206.200	370.7	0.012761	0.0013830 mg/L	0.012761	0.0013830 mg/L	10.84%
Sn 189.927	40.6	0.009567	0.0027192 mg/L	0.009567	0.0027192 mg/L	28.42%

Mean Data ----------

ID: CCB
Sample Qty: 1.0000 g

Seq. No.: 10 Sample No.: 6
Prep. Vol.: 1.0 L
Data: Original

A/S Pos: 1
Dilution: 1.0: 1.0
Date: 12/22/2000 1:33:54 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2266867.7	4.9719	0.00730	mg/L				0.15%
Ag 338.289	655.7	0.007327	0.0001170	mg/L				1.60%
*QC exceeds upper limit for Ag 338.289			Action = Continue					
Ag 328.068	970.1	0.007033	0.0000138	mg/L				0.20%
*QC exceeds upper limit for Ag 328.068			Action = Continue					
Al 308.215	93.1	0.007394	0.0027410	mg/L				37.07%
As 188.979	11.0	0.011299	0.0016716	mg/L				14.79%
B 249.677	2659.9	0.064382	0.0011355	mg/L				1.76%
*QC exceeds upper limit for B 249.677			Action = Continue					
Ba 233.527	428.1	0.008205	0.0003032	mg/L				3.70%
Be 313.107	16396.0	0.008694	0.0001967	mg/L				2.26%
Ca 430.253	-20.6	-0.008517	0.0018508	mg/L				21.73%
Ca 317.933	789.4	0.008785	0.0007721	mg/L				8.79%
Cd 226.502	362.8	0.008064	0.0003615	mg/L				4.48%
Co 228.616	182.7	0.008279	0.0000806	mg/L				0.97%
Cr 267.716	487.9	0.008042	0.0004008	mg/L				4.98%
Cu 324.752	8196.9	0.037996	0.0008694	mg/L				2.29%
*QC exceeds upper limit for Cu 324.752			Action = Continue					
Fe 302.107	22.8	0.007172	0.0089958	mg/L				125.42%
Fe 238.204	286.4	0.006021	0.0005134	mg/L				8.53%
Mg 279.077	97.2	0.011224	0.0009100	mg/L				8.11%
Mn 257.610	3734.7	0.008591	0.0001767	mg/L				2.06%
Mo 202.031	80.8	0.009509	0.0005666	mg/L				5.96%
Ni 231.604	194.1	0.007982	0.0004828	mg/L				6.05%
Pb 220.353	24.9	0.006265	0.0004264	mg/L				6.81%
Sb 206.836	16.2	0.009391	0.0029167	mg/L				31.06%
Se 196.026	8.1	0.007448	0.0021027	mg/L				28.23%
Ti 336.121	1966.3	0.008553	0.0000952	mg/L				1.11%
Tl 190.801	19.3	0.009792	0.0001777	mg/L				1.82%
V 292.402	1042.4	0.008332	0.0000139	mg/L				0.17%
Zn 206.200	279.4	0.009617	0.0003874	mg/L				4.03%
Sn 189.927	35.2	0.008282	0.0001295	mg/L				1.56%

<0.010 mg/L

Mean Data ----------

ID: QC CHK
Sample Qty: 1.0000 g

Seq. No.: 11 Sample No.: 2
Prep. Vol.: 1.0 L
Data: Original

A/S Pos: 6
Dilution: 1.0: 1.0
Date: 12/22/2000 1:38:57 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2248068.5	4.9306	0.00570	mg/L				0.12%

Ag 338.289	95984.5	1.0725	0.01252	mg/L	1.17%
Ag 328.068	149543.2	1.0842	0.01254	mg/L	1.16%
Al 308.215	11357.9	0.90241	0.006969	mg/L	0.77%
As 188.979	993.0	1.0197	0.00383	mg/L	0.38%
B 249.677	32250.0	0.78059	0.013183	mg/L	1.69%
*QC exceeds lower limit for B 249.677		Recovery = 78.06%	Action = Continue		
Ba 233.527	54486.8	1.0441	0.01540	mg/L	1.47%
Be 313.107	1900596.1	1.0077	0.00138	mg/L	0.14%
Ca 430.253	2142.4	0.88467	0.008154	mg/L	0.92%
*QC exceeds lower limit for Ca 430.253		Recovery = 88.47%	Action = Continue		
Ca 317.933	89048.5	0.99096	0.015015	mg/L	1.52%
Cd 226.502	46051.1	1.0236	0.01190	mg/L	1.16%
Co 228.616	22745.3	1.0307	0.01280	mg/L	1.24%
Cr 267.716	62018.3	1.0222	0.01455	mg/L	1.42%
Cu 324.752	220530.6	1.0222	0.00834	mg/L	0.82%
Fe 302.107	3056.4	0.96204	0.001101	mg/L	0.11%
Fe 238.204	48609.4	1.0221	0.01372	mg/L	1.34%
Mg 279.077	8799.2	1.0165	0.01051	mg/L	1.03%
Mn 257.610	452577.0	1.0410	0.00146	mg/L	0.14%
Mo 202.031	8584.2	1.0105	0.00386	mg/L	0.38%
Ni 231.604	25254.7	1.0387	0.01256	mg/L	1.21%
Pb 220.353	4076.0	1.0264	0.00350	mg/L	0.34%
Sb 206.836	1747.9	1.0114	0.00932	mg/L	0.92%
Se 196.026	1093.7	1.0023	0.00319	mg/L	0.32%
Ti 336.121	232971.2	1.0134	0.00116	mg/L	0.11%
Tl 190.801	2040.7	1.0375	0.00591	mg/L	0.57%
V 292.402	126285.7	1.0094	0.01403	mg/L	1.39%
Zn 206.200	30485.8	1.0494	0.01498	mg/L	1.43%
Sn 189.927	0.5	0.000120	0.0009565	mg/L	794.12%

Mean Data

ID: ICS A | Seq. No.: 12 | Sample No.: 3 | A/S Pos: 7
Sample Qty: 1.0000 g | Prep. Vol.: 1.0 L | Dilution: 1.0: 1.0
Data: Original | Date: 12/22/2000 1:44:32 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Y 360.073	1973073.7	4.3275	0.00058	mg/L				0.01%
Ag 338.289	853.5	0.009537	0.0002053	mg/L				2.15%
Ag 328.068	686.0	0.004974	0.0000272	mg/L				0.55%
Al 308.215	5981106.7	475.13	1.118	mg/L				0.24%
As 188.979	-20.2	-0.014085	0.0092804	mg/L				65.89%
B 249.677	-1919.5	0.051813	0.0036471	mg/L				7.04%
Ba 233.527	63.5	0.001216	0.0001746	mg/L				14.35%
Be 313.107	5830.9	0.003092	0.0001565	mg/L				5.06%
Ca 430.253	1397727.7	577.04	1.095	mg/L				0.19%
Ca 317.933	40108257.6	446.23	0.178	mg/L				0.04%
Cd 226.502	2123.2	0.036598	0.0003104	mg/L				0.85%
Co 228.616	78.1	-0.003811	0.0001213	mg/L				3.18%
Cr 267.716	-70.6	-0.001163	0.0000751	mg/L				6.46%
Cu 324.752	5754.0	0.026672	0.0008231	mg/L				3.09%
Fe 302.107	709231.7	223.24	0.259	mg/L				0.12%
Fe 238.204	7272699.1	152.92	0.032	mg/L				0.02%
Mg 279.077	4380445.6	506.24	0.611	mg/L				0.12%
Mn 257.610	3879.1	-0.002023	0.0001893	mg/L				9.36%
Mo 202.031	-3.8	-0.003142	0.0012723	mg/L				40.49%
Ni 231.604	33.8	0.001390	0.0001325	mg/L				9.54%
Pb 220.353	-100.6	-0.007291	0.0009779	mg/L				13.41%
Sb 206.836	-30.4	-0.032623	0.0008263	mg/L				2.53%
Se 196.026	-49.8	0.001447	0.0017566	mg/L				121.40%
Ti 336.121	-2153.4	-0.009366	0.0001223	mg/L				1.31%
Tl 190.801	-54.9	0.004350	0.0010740	mg/L				24.69%
V 292.402	-2617.5	0.003429	0.0001774	mg/L				5.17%
Zn 206.200	635.0	-0.010749	0.0000220	mg/L				0.20%
Sn 189.927	-358.7	-0.19721	0.000883	mg/L				0.45%

Mean Data

ID: ICS AB | Seq. No.: 13 | Sample No.: 4 | A/S Pos: 8
Sample Qty: 1.0000 g | Prep. Vol.: 1.0 L | Dilution: 1.0: 1.0
Data: Original | Date: 12/22/2000 1:50:34 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD

Y 360.073	1971535.8	4.3241	0.00050	mg/L	0.01%
Ag 338.289	103327.2	1.1546	0.00262	mg/L	0.23%
Ag 328.068	159024.5	1.1529	0.00169	mg/L	0.15%
Al 308.215	6130122.3	486.97	0.339	mg/L	0.07%
As 188.979	982.6	1.0159	0.00163	mg/L	0.16%
B 249.677	29721.5	0.82028	0.004903	mg/L	0.60%
Ba 233.527	51565.0	0.98813	0.005473	mg/L	0.55%
Be 313.107	1906743.6	1.0110	0.00233	mg/L	0.23%
Ca 430.253	1415207.7	584.25	1.742	mg/L	0.30%
Ca 317.933	40805898.2	453.99	2.071	mg/L	0.46%
Cd 226.502	43304.8	0.95167	0.006545	mg/L	0.69%
Co 228.616	19592.4	0.88027	0.002134	mg/L	0.24%
Cr 267.716	58235.7	0.95984	0.006118	mg/L	0.64%
Cu 324.752	214495.1	0.98921	0.004142	mg/L	0.42%
Fe 302.107	728088.9	229.18	0.998	mg/L	0.44%
Fe 238.204	7378698.1	155.15	0.529	mg/L	0.34%
Mg 279.077	4451273.0	514.42	0.393	mg/L	0.08%
Mn 257.610	429187.0	0.97610	0.005887	mg/L	0.60%
Mo 202.031	7902.1	0.92757	0.003383	mg/L	0.36%
Ni 231.604	21238.6	0.87352	0.002183	mg/L	0.25%
Pb 220.353	3442.9	0.88544	0.000249	mg/L	0.03%
Sb 206.836	1686.7	0.96059	0.003896	mg/L	0.41%
Se 196.026	1049.8	1.0104	0.00890	mg/L	0.88%
Ti 336.121	221687.7	0.96427	0.004564	mg/L	0.47%
Tl 190.801	1696.3	0.89540	0.000191	mg/L	0.02%
V 292.402	120412.3	0.98745	0.006025	mg/L	0.61%
Zn 206.200	27302.6	0.90658	0.008975	mg/L	0.99%
Sn 189.927	-385.2	-0.20493	0.002332	mg/L	1.14%

Mean Data

ID: BLANK
Sample Qty: 1.0000 mL

Seq. No.: 14 Sample No.: 2
Prep. Vol.: 1.0 mL
Data: Original

A/S Pos: 10
Dilution: 1.0: 1.0
Date: 12/22/2000 1:56:00 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2270520.4	4.9799	0.00555	mg/L				0.12%
Ag 338.289	274.8	0.003071	0.0001376	mg/L	0.003071	0.0001376	mg/L	4.48%
Ag 328.068	430.3	0.003120	0.0001806	mg/L	0.003120	0.0001806	mg/L	5.79%
Al 308.215	9483.3	0.75347	0.037106	mg/L	0.75347	0.037106	mg/L	4.92%
As 188.979	3.2	0.003278	0.0013043	mg/L	0.003278	0.0013043	mg/L	39.79%
B 249.677	979.5	0.023707	0.0009795	mg/L	0.023707	0.0009795	mg/L	4.13%
Ba 233.527	2300.1	0.044076	0.0000630	mg/L	0.044076	0.0000630	mg/L	0.14%
Be 313.107	4790.8	0.002540	0.0001150	mg/L	0.002540	0.0001150	mg/L	4.53%
Ca 430.253	1766.1	0.72929	0.032511	mg/L	0.72929	0.032511	mg/L	4.46%
Ca 317.933	79962.5	0.88985	0.051979	mg/L	0.88985	0.051979	mg/L	5.84%
Cd 226.502	105.2	0.002338	0.0002045	mg/L	0.002338	0.0002045	mg/L	8.75%
Co 228.616	52.8	0.002391	0.0000137	mg/L	0.002391	0.0000137	mg/L	0.57%
Cr 267.716	141.0	0.002324	0.0001810	mg/L	0.002324	0.0001810	mg/L	7.79%
Cu 324.752	6262.8	0.029030	0.0008988	mg/L	0.029030	0.0008988	mg/L	3.10%
Fe 302.107	1121.2	0.35291	0.027827	mg/L	0.35291	0.027827	mg/L	7.89%
Fe 238.204	17917.9	0.37676	0.021140	mg/L	0.37676	0.021140	mg/L	5.61%
Mg 279.077	7608.0	0.87890	0.048374	mg/L	0.87890	0.048374	mg/L	5.50%
Mn 257.610	996.5	0.002292	0.0000959	mg/L	0.002292	0.0000959	mg/L	4.19%
Mo 202.031	28.7	0.003381	0.0003161	mg/L	0.003381	0.0003161	mg/L	9.35%
Ni 231.604	50.2	0.002064	0.0001744	mg/L	0.002064	0.0001744	mg/L	8.45%
Pb 220.353	1.5	0.000389	0.0003292	mg/L	0.000389	0.0003292	mg/L	84.60%
Sb 206.836	8.0	0.004608	0.0004228	mg/L	0.004608	0.0004228	mg/L	9.18%
Se 196.026	7.5	0.006859	0.0036320	mg/L	0.006859	0.0036320	mg/L	52.95%
Ti 336.121	4719.7	0.020529	0.0005439	mg/L	0.020529	0.0005439	mg/L	2.65%
Tl 190.801	0.9	0.000469	0.0014777	mg/L	0.000469	0.0014777	mg/L	315.38%
V 292.402	299.4	0.002393	0.0002756	mg/L	0.002393	0.0002756	mg/L	11.52%
Zn 206.200	95.0	0.003271	0.0000381	mg/L	0.003271	0.0000381	mg/L	1.16%
Sn 189.927	9.1	0.002146	0.0001252	mg/L	0.002146	0.0001252	mg/L	5.84%

Calibration Summary
Method: TAL LIST Low Level Date: 12/22/2000 2:02:13 PM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 338.289	5	Linear-thru-Zero	0.0	89495.3	0.00000	0.999997
Ag 328.068	5	Linear-thru-Zero	0.0	137928.7	0.00000	0.999999
Al 308.215	3	Linear-thru-Zero	0.0	12586.1	0.00000	0.999975
As 188.979	4	Linear-thru-Zero	0.0	973.7	0.00000	0.999999
B 249.677	3	Linear-thru-Zero	0.0	41314.7	0.00000	0.999984
Ba 233.527	5	Linear-thru-Zero	0.0	52184.4	0.00000	0.999998
Be 313.107	5	Linear-thru-Zero	0.0	1885996.7	0.00000	0.999999
Ca 430.253	3	Linear-thru-Zero	0.0	2421.7	0.00000	0.999930
Ca 317.933	3	Linear-thru-Zero	0.0	89861.0	0.00000	0.999995
Cd 226.502	5	Linear-thru-Zero	0.0	44990.0	0.00000	0.999999
Co 228.616	5	Linear-thru-Zero	0.0	22068.2	0.00000	0.999999
Cr 267.716	5	Linear-thru-Zero	0.0	60672.1	0.00000	1.000000
Cu 324.752	5	Linear-thru-Zero	0.0	215732.9	0.00000	0.999992
Fe 302.107	3	Linear-thru-Zero	0.0	3177.0	0.00000	0.999967
Fe 238.204	3	Linear-thru-Zero	0.0	47558.2	0.00000	0.999999
Mg 279.077	3	Linear-thru-Zero	0.0	8656.2	0.00000	0.999999
Mn 257.610	5	Linear-thru-Zero	0.0	434741.9	0.00000	0.999995
Mo 202.031	5	Linear-thru-Zero	0.0	8494.8	0.00000	1.000000
Ni 231.604	5	Linear-thru-Zero	0.0	24313.8	0.00000	1.000000
Pb 220.353	4	Linear-thru-Zero	0.0	3971.3	0.00000	0.999998
Sb 206.836	4	Linear-thru-Zero	0.0	1728.2	0.00000	0.999997
Se 196.026	4	Linear-thru-Zero	0.0	1091.2	0.00000	0.999996
Ti 336.121	4	Linear-thru-Zero	0.0	229901.3	0.00000	0.999999
Tl 190.801	4	Linear-thru-Zero	0.0	1966.8	0.00000	0.999998
V 292.402	5	Linear-thru-Zero	0.0	125109.5	0.00000	0.999999
Zn 206.200	5	Linear-thru-Zero	0.0	29049.3	0.00000	1.000000
Sn 189.927	4	Linear-thru-Zero	0.0	4245.2	0.00000	1.000000

Method: TAL LIST Low Level
Results: 122200B
Sample Info: 122200sb
Method Description: TAL LIST
IEC: 0607iecb.iec
Spectra Stored: Yes
User: User1
MSF:
Method Stored: No
Date: 12/22/2000 2:02:13 PM

Mean Data
ID: FLUSH
Sample Qty: 1.0000 mL
Seq. No.: 14
Prep. Vol.: 1.0 mL
Data: Original
Sample No.: 3
A/S Pos: 11
Dilution: 1.0: 1.0
Date: 12/22/2000 2:04:29 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2257165.7	4.9506	0.01739	mg/L				0.35%
Ag 338.289	106.2	0.001186	0.0001500	mg/L	0.001186	0.0001500	mg/L	12.64%
Ag 328.068	177.8	0.001289	0.0001042	mg/L	0.001289	0.0001042	mg/L	8.09%
Al 308.215	1450.4	0.11524	0.016456	mg/L	0.11524	0.016456	mg/L	14.28%
As 188.979	3.9	0.003986	0.0005847	mg/L	0.003986	0.0005847	mg/L	14.67%
B 249.677	598.2	0.014479	0.0008321	mg/L	0.014479	0.0008321	mg/L	5.75%
Ba 233.527	55.6	0.001066	0.0000195	mg/L	0.001066	0.0000195	mg/L	1.83%
Be 313.107	2505.8	0.001329	0.0000815	mg/L	0.001329	0.0000815	mg/L	6.13%
Ca 430.253	335.4	0.13849	0.020880	mg/L	0.13849	0.020880	mg/L	15.08%
Ca 317.933	13814.5	0.15373	0.016551	mg/L	0.15373	0.016551	mg/L	10.77%
Cd 226.502	58.4	0.001297	0.0000174	mg/L	0.001297	0.0000174	mg/L	1.34%
Co 228.616	29.1	0.001320	0.0002931	mg/L	0.001320	0.0002931	mg/L	22.21%
Cr 267.716	50.2	0.000827	0.0001947	mg/L	0.000827	0.0001947	mg/L	23.53%
Cu 324.752	3098.3	0.014362	0.0002277	mg/L	0.014362	0.0002277	mg/L	1.59%
Fe 302.107	185.1	0.058271	0.0082539	mg/L	0.058271	0.0082539	mg/L	14.16%
Fe 238.204	2835.5	0.059622	0.0067075	mg/L	0.059622	0.0067075	mg/L	11.25%
Mg 279.077	1329.7	0.15362	0.015497	mg/L	0.15362	0.015497	mg/L	10.09%
Mn 257.610	369.0	0.000849	0.0000373	mg/L	0.000849	0.0000373	mg/L	4.40%
Mo 202.031	17.5	0.002057	0.0006363	mg/L	0.002057	0.0006363	mg/L	30.93%
Ni 231.604	46.0	0.001891	0.0002841	mg/L	0.001891	0.0002841	mg/L	15.03%
Pb 220.353	-9.2	-0.002327	0.0002384	mg/L	-0.002327	0.0002384	mg/L	10.24%
Sb 206.836	8.9	0.005144	0.0027391	mg/L	0.005144	0.0027391	mg/L	53.25%
Se 196.026	-3.2	-0.002903	0.0044202	mg/L	-0.002903	0.0044202	mg/L	152.29%
Ti 336.121	286.1	0.001244	0.0001090	mg/L	0.001244	0.0001090	mg/L	8.76%
Tl 190.801	0.8	0.000397	0.0003280	mg/L	0.000397	0.0003280	mg/L	82.54%

V 292.402	109.1	0.000872	0.0000146	mg/L	0.000872	0.0000146 mg/L	1.68%
Zn 206.200	61.7	0.002123	0.0002342	mg/L	0.002123	0.0002342 mg/L	11.03%
Sn 189.927	0.4	0.000085	0.0007741	mg/L	0.000085	0.0007741 mg/L	905.47%

Mean Data ----------

ID: MB122200 S1 Seq. No.: 15 Sample No.: 4 A/S Pos: 12
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/22/2000 2:09:26 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2268014.2	4.9744	0.01944	mg/L				0.39%
Ag 338.289	107.1	0.001197	0.0003396	mg/L	0.001197	0.0003396	mg/L	28.37%
Ag 328.068	115.9	0.000841	0.0001542	mg/L	0.000841	0.0001542	mg/L	18.34%
Al 308.215	1225.5	0.097370	0.0029144	mg/L	0.097370	0.0029144	mg/L	2.99%
As 188.979	3.0	0.003083	0.0011854	mg/L	0.003083	0.0011854	mg/L	38.45%
B 249.677	439.9	0.010647	0.0004233	mg/L	0.010647	0.0004233	mg/L	3.98%
Ba 233.527	56.4	0.001080	0.0000522	mg/L	0.001080	0.0000522	mg/L	4.84%
Be 313.107	1797.9	0.000953	0.0000066	mg/L	0.000953	0.0000066	mg/L	0.70%
Ca 430.253	291.0	0.12015	0.001970	mg/L	0.12015	0.001970	mg/L	1.64%
Ca 317.933	13822.4	0.15382	0.003667	mg/L	0.15382	0.003667	mg/L	2.38%
Cd 226.502	35.5	0.000789	0.0000044	mg/L	0.000789	0.0000044	mg/L	0.56%
Co 228.616	17.2	0.000781	0.0001111	mg/L	0.000781	0.0001111	mg/L	14.23%
Cr 267.716	62.4	0.001028	0.0000351	mg/L	0.001028	0.0000351	mg/L	3.41%
Cu 324.752	5774.5	0.026767	0.0011432	mg/L	0.026767	0.0011432	mg/L	4.27%
Fe 302.107	233.0	0.073324	0.0146555	mg/L	0.073324	0.0146555	mg/L	19.99%
Fe 238.204	3606.3	0.075830	0.0018145	mg/L	0.075830	0.0018145	mg/L	2.39%
Mg 279.077	1246.9	0.14405	0.004074	mg/L	0.14405	0.004074	mg/L	2.83%
Mn 257.610	380.4	0.000875	0.0000298	mg/L	0.000875	0.0000298	mg/L	3.40%
Mo 202.031	12.7	0.001490	0.0001375	mg/L	0.001490	0.0001375	mg/L	9.23%
Ni 231.604	3.1	0.000126	0.0001682	mg/L	0.000126	0.0001682	mg/L	133.40%
Pb 220.353	-13.7	-0.003447	0.0003283	mg/L	-0.003447	0.0003283	mg/L	9.52%
Sb 206.836	1.7	0.000975	0.0008114	mg/L	0.000975	0.0008114	mg/L	83.23%
Se 196.026	-2.1	-0.001939	0.0049027	mg/L	-0.001939	0.0049027	mg/L	252.79%
Ti 336.121	126.4	0.000550	0.0000324	mg/L	0.000550	0.0000324	mg/L	5.89
Tl 190.801	-5.1	-0.002601	0.0025889	mg/L	-0.002601	0.0025889	mg/L	99.54%
V 292.402	108.1	0.000864	0.0002908	mg/L	0.000864	0.0002908	mg/L	33.67%
Zn 206.200	75.4	0.002595	0.0001623	mg/L	0.002595	0.0001623	mg/L	6.26%
Sn 189.927	9.4	0.002223	0.0007901	mg/L	0.002223	0.0007901	mg/L	35.55%

Mean Data ----------

ID: RF122200 S1 Seq. No.: 16 Sample No.: 5 A/S Pos: 13
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/22/2000 2:14:30 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2277020.8	4.9941	0.02036	mg/L				0.41%
Ag 338.289	88183.4	0.98534	0.002119	mg/L	0.98534	0.002119	mg/L	0.22%
Ag 328.068	137276.9	0.99527	0.002444	mg/L	0.99527	0.002444	mg/L	0.25%
Al 308.215	11747.3	0.93335	0.005450	mg/L	0.93335	0.005450	mg/L	0.58%
As 188.979	937.5	0.96275	0.007635	mg/L	0.96275	0.007635	mg/L	0.79%
B 249.677	27730.7	0.67121	0.005740	mg/L	0.67121	0.005740	mg/L	0.86%
Ba 233.527	53029.0	1.0162	0.00518	mg/L	1.0162	0.00518	mg/L	0.51%
Be 313.107	1812110.4	0.96082	0.001470	mg/L	0.96082	0.001470	mg/L	0.15%
Ca 430.253	2053.2	0.84784	0.007233	mg/L	0.84784	0.007233	mg/L	0.85%
Ca 317.933	94902.1	1.0561	0.00635	mg/L	1.0561	0.00635	mg/L	0.60%
Cd 226.502	42619.8	0.94732	0.001948	mg/L	0.94732	0.001948	mg/L	0.21%
Co 228.616	21640.5	0.98062	0.001942	mg/L	0.98062	0.001942	mg/L	0.20%
Cr 267.716	59998.6	0.98890	0.004109	mg/L	0.98890	0.004109	mg/L	0.42%
Cu 324.752	202297.0	0.93772	0.003875	mg/L	0.93772	0.003875	mg/L	0.41%
Fe 302.107	3331.3	1.0486	0.00489	mg/L	1.0486	0.00489	mg/L	0.47%
Fe 238.204	51479.6	1.0825	0.00633	mg/L	1.0825	0.00633	mg/L	0.58%
Mg 279.077	8974.2	1.0367	0.00011	mg/L	1.0367	0.00011	mg/L	0.01%
Mn 257.610	440883.0	1.0141	0.00063	mg/L	1.0141	0.00063	mg/L	0.06%
Mo 202.031	8407.4	0.98971	0.004677	mg/L	0.98971	0.004677	mg/L	0.47
Ni 231.604	23908.9	0.98335	0.002464	mg/L	0.98335	0.002464	mg/L	0.25%
Pb 220.353	3766.1	0.94833	0.011745	mg/L	0.94833	0.011745	mg/L	1.24%
Sb 206.836	1608.5	0.93075	0.005809	mg/L	0.93075	0.005809	mg/L	0.62%
Se 196.026	998.2	0.91475	0.004445	mg/L	0.91475	0.004445	mg/L	0.49%
Ti 336.121	228218.9	0.99268	0.003720	mg/L	0.99268	0.003720	mg/L	0.37%
Tl 190.801	1878.4	0.95503	0.003700	mg/L	0.95503	0.003700	mg/L	0.39%
V 292.402	123020.2	0.98330	0.005034	mg/L	0.98330	0.005034	mg/L	0.51%

Zn 206.200	27788.6	0.95660	0.002462	mg/L	0.95660	0.002462	mg/L	0.26%
Sn 189.927	-9.6	-0.002271	0.0004064	mg/L	-0.002271	0.0004064	mg/L	17.89%

Matrix Check Sample: RF122200 S1

Element	Expected Conc.	Measured Conc.	Std.Dev.	Sample Units	% Recovery
Ag 338.289	1.0012	0.98534	0.002	mg/L	98.414
Ag 328.068	1.0008	0.99527	0.002	mg/L	99.443
Al 308.215	1.0974	0.93335	0.005	mg/L	83.598
As 188.979	1.0031	0.96275	0.008	mg/L	95.966
B 249.677	1.0106	0.67121	0.006	mg/L	66.056
Ba 233.527	1.0011	1.0162	0.005	mg/L	101.511
Be 313.107	1.0010	0.96082	0.001	mg/L	95.987
Ca 430.253	1.1201	0.84784	0.007	mg/L	72.769
Ca 317.933	1.1538	1.0561	0.006	mg/L	90.228
Cd 226.502	1.0008	0.94732	0.002	mg/L	94.653
Co 228.616	1.0008	0.98062	0.002	mg/L	97.984
Cr 267.716	1.0010	0.98890	0.004	mg/L	98.787
Cu 324.752	1.0268	0.93772	0.004	mg/L	91.095
Fe 302.107	1.0733	1.0486	0.005	mg/L	97.524
Fe 238.204	1.0758	1.0825	0.006	mg/L	100.662
Mg 279.077	1.1440	1.0367	0.000	mg/L	89.269
Mn 257.610	1.0009	1.0141	0.001	mg/L	101.325
Mo 202.031	1.0015	0.98971	0.005	mg/L	98.822
Ni 231.604	1.0001	0.98335	0.002	mg/L	98.322
Pb 220.353	0.99655	0.94833	0.012	mg/L	95.178
Sb 206.836	1.0010	0.93075	0.006	mg/L	92.978
Se 196.026	0.99806	0.91475	0.004	mg/L	91.669
Ti 336.121	1.0005	0.99268	0.004	mg/L	99.213
Tl 190.801	0.99740	0.95503	0.004	mg/L	95.763
V 292.402	1.0009	0.98330	0.005	mg/L	98.244
Zn 206.200	1.0026	0.95660	0.002	mg/L	95.401

Mean Data ----------

ID: WS75309 Seq. No.: 17 Sample No.: 6 A/S Pos: 14
Sample Qty: 0.5500 g Prep. Vol.: 50.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/22/2000 2:20:16 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2183814.4	4.7897	0.00747	mg/L				0.16%
Ag 338.289	990.5	0.001732	0.0002555	mg/L	0.19354	0.028547	mg/kg	14.75%
Ag 328.068	3442.6	0.024959	0.0002205	mg/L	2.7886	0.02464	mg/kg	0.88%
Al 308.215	587285.0	46.661	0.1036	mg/L	5213.3	11.57	mg/kg	0.22%
As 188.979	287.0	0.31176	0.004698	mg/L	34.832	0.5249	mg/kg	1.51%
B 249.677	-3983.6	0.15449	0.001333	mg/L	17.261	0.1489	mg/kg	0.86%
Ba 233.527	99519.2	1.9071	0.00143	mg/L	213.07	0.159	mg/kg	0.07%
Be 313.107	12411.3	0.006581	0.0001541	mg/L	0.73525	0.017220	mg/kg	2.34%
Ca 430.253	795100.6	328.35	1.065	mg/L	36685	118.9	mg/kg	0.32%
Ca 317.933	27661018.9	307.76	2.130	mg/L	34385	238.0	mg/kg	0.69%
Cd 226.502	10496.7	0.20626	0.000100	mg/L	23.045	0.0111	mg/kg	0.05%
Co 228.616	1779.7	0.061882	0.0003306	mg/L	6.9139	0.03694	mg/kg	0.53%
Cr 267.716	84342.1	1.3901	0.00054	mg/L	155.32	0.060	mg/kg	0.04%
Cu 324.752	285984.0	1.3352	0.00779	mg/L	149.18	0.870	mg/kg	0.58%
Fe 302.107	1810831.3	569.98	1.650	mg/L	63683	184.3	mg/kg	0.29%
Fe 238.204	14246722.2	299.56	1.914	mg/L	33469	213.9	mg/kg	0.64%
Mg 279.077	505647.1	58.903	0.0722	mg/L	6581.1	8.06	mg/kg	0.12%
Mn 257.610	21371669.8	49.159	0.1027	mg/L	5492.4	11.47	mg/kg	0.21%
Mo 202.031	580.9	0.081350	0.0007013	mg/L	9.0890	0.07836	mg/kg	0.86%
Ni 231.604	8463.1	0.33597	0.000277	mg/L	37.537	0.0309	mg/kg	0.08%
Pb 220.353	28768.9	7.2236	0.00328	mg/L	807.07	0.366	mg/kg	0.05%
Sb 206.836	39.8	0.023020	0.0031347	mg/L	2.5719	0.35024	mg/kg	13.62%
Se 196.026	-124.2	-0.026694	0.0052832	mg/L	-2.9825	0.59028	mg/kg	19.79%
Ti 336.121	339189.6	1.4754	0.00120	mg/L	164.84	0.134	mg/kg	0.08%
Tl 190.801	-74.9	0.010169	0.0001247	mg/L	1.1361	0.01394	mg/kg	1.23%
V 292.402	83625.8	0.73059	0.000433	mg/L	81.627	0.0484	mg/kg	0.06%
Zn 206.200	408535.4	14.064	0.0151	mg/L	1571.3	1.69	mg/kg	0.11%
Sn 189.927	-267.9	-0.034226	0.0018974	mg/L	-3.8240	0.21199	mg/kg	5.54%

Mean Data ----------

ID: WS75310 Seq. No.: 18 Sample No.: 7 A/S Pos: 15

Sample Qty: 0.5200 g Prep. Vol.: 50.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/22/2000 2:27:06 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Y 360.073	2212989.9	4.8537	0.01822	mg/L				0.38%
Ag 338.289	533.3	0.005959	0.0003130	mg/L	0.67889	0.035654	mg/kg	5.25%
Ag 328.068	985.0	0.007141	0.0001689	mg/L	0.81355	0.019244	mg/kg	2.37%
Al 308.215	1059844.7	84.181	0.1671	mg/L	9590.1	19.03	mg/kg	0.20%
As 188.979	64.2	0.072131	0.0020663	mg/L	8.2174	0.23539	mg/kg	2.86%
B 249.677	41.1	0.092909	0.0004484	mg/L	10.584	0.0511	mg/kg	0.48%
Ba 233.527	62168.9	1.1913	0.00096	mg/L	135.72	0.109	mg/kg	0.08%
Be 313.107	24843.8	0.013173	0.0000434	mg/L	1.5007	0.00494	mg/kg	0.33%
Ca 430.253	1138208.0	470.00	0.815	mg/L	53543	92.9	mg/kg	0.17%
Ca 317.933	37783926.1	420.47	1.480	mg/L	47901	168.6	mg/kg	0.35%
Cd 226.502	2301.0	0.041236	0.0003058	mg/L	4.6978	0.03484	mg/kg	0.74%
Co 228.616	948.3	0.036097	0.0001220	mg/L	4.1123	0.01390	mg/kg	0.34%
Cr 267.716	20466.0	0.33732	0.001859	mg/L	38.429	0.2118	mg/kg	0.55%
Cu 324.752	76153.5	0.35300	0.001716	mg/L	40.215	0.1955	mg/kg	0.49%
Fe 302.107	663340.1	208.80	0.783	mg/L	23787	89.2	mg/kg	0.37%
Fe 238.204	6982192.1	146.81	0.504	mg/L	16725	57.5	mg/kg	0.34%
Mg 279.077	825860.9	95.586	0.1386	mg/L	10889	15.8	mg/kg	0.14%
Mn 257.610	6675801.8	15.356	0.0508	mg/L	1749.4	5.79	mg/kg	0.33%
Mo 202.031	79.2	0.002993	0.0004668	mg/L	0.34095	0.053180	mg/kg	15.60%
Ni 231.604	4217.0	0.17344	0.000984	mg/L	19.759	0.1121	mg/kg	0.57%
Pb 220.353	4671.8	1.1689	0.00123	mg/L	133.16	0.140	mg/kg	0.11%
Sb 206.836	2.0	0.001137	0.0063253	mg/L	0.12950	0.720598	mg/kg	556.44%
Se 196.026	-44.2	-0.008628	0.0022983	mg/L	-0.98291	0.261828	mg/kg	26.64%
Ti 336.121	102036.7	0.44383	0.000752	mg/L	50.562	0.0857	mg/kg	0.17%
Tl 190.801	-48.2	-0.001323	0.0006486	mg/L	-0.15076	0.073888	mg/kg	49.01%
V 292.402	24017.9	0.21475	0.000063	mg/L	24.465	0.0072	mg/kg	0.03%
Zn 206.200	52970.4	1.8235	0.00496	mg/L	207.73	0.565	mg/kg	0.27%
Sn 189.927	-364.1	-0.12466	0.001230	mg/L	-14.202	0.1401	mg/kg	0.99%

Mean Data

ID: WS75311 Seq. No.: 19 Sample No.: 8 A/S Pos: 16
Sample Qty: 0.5400 g Prep. Vol.: 50.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/22/2000 2:33:45 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Y 360.073	2199182.2	4.8234	0.00996	mg/L				0.21%
Ag 338.289	-575.7	-0.016360	0.0004464	mg/L	-1.7251	0.04707	mg/kg	2.73%
Ag 328.068	517.7	0.003754	0.0001405	mg/L	0.39581	0.014810	mg/kg	3.74%
Al 308.215	581664.8	46.215	0.1893	mg/L	4873.1	19.96	mg/kg	0.41%
As 188.979	191.2	0.21451	0.003465	mg/L	22.619	0.3653	mg/kg	1.62%
B 249.677	-6549.1	0.10831	0.000562	mg/L	11.420	0.0592	mg/kg	0.52%
Ba 233.527	38021.6	0.72860	0.003566	mg/L	76.827	0.3760	mg/kg	0.49%
Be 313.107	11837.3	0.006276	0.0000270	mg/L	0.66181	0.002848	mg/kg	0.43%
Ca 430.253	786552.0	324.82	0.974	mg/L	34251	102.7	mg/kg	0.30%
Ca 317.933	27147720.4	302.05	0.049	mg/L	31849	5.2	mg/kg	0.02%
Cd 226.502	6382.0	0.11309	0.000392	mg/L	11.925	0.0413	mg/kg	0.35%
Co 228.616	1707.1	0.057402	0.0002082	mg/L	6.0527	0.02195	mg/kg	0.36%
Cr 267.716	41813.6	0.68917	0.002498	mg/L	72.670	0.2634	mg/kg	0.36%
Cu 324.752	285547.9	1.3338	0.00656	mg/L	140.64	0.691	mg/kg	0.49%
Fe 302.107	1925631.4	606.12	2.501	mg/L	63912	263.7	mg/kg	0.41%
Fe 238.204	14740050.7	309.94	0.237	mg/L	32681	25.0	mg/kg	0.08%
Mg 279.077	600446.7	69.885	0.2481	mg/L	7369.0	26.16	mg/kg	0.35%
Mn 257.610	7076487.5	16.277	0.0078	mg/L	1716.4	0.83	mg/kg	0.05%
Mo 202.031	634.3	0.088459	0.0003460	mg/L	9.3275	0.03649	mg/kg	0.39%
Ni 231.604	12324.0	0.49400	0.001090	mg/L	52.089	0.1149	mg/kg	0.22%
Pb 220.353	4853.6	1.2002	0.00090	mg/L	126.56	0.095	mg/kg	0.07%
Sb 206.836	3.5	0.002040	0.0017525	mg/L	0.21513	0.184796	mg/kg	85.90%
Se 196.026	-150.4	-0.045179	0.0025535	mg/L	-4.7639	0.26925	mg/kg	5.65%
Ti 336.121	529559.3	2.3034	0.01348	mg/L	242.88	1.421	mg/kg	0.59%
Tl 190.801	-86.5	0.007355	0.0033879	mg/L	0.77554	0.357233	mg/kg	46.06%
V 292.402	43359.5	0.41269	0.002001	mg/L	43.516	0.2110	mg/kg	0.48%
Zn 206.200	87664.5	3.0178	0.01151	mg/L	318.21	1.214	mg/kg	0.38%
Sn 189.927	-471.5	-0.077676	0.0002689	mg/L	-8.1905	0.02836	mg/kg	0.35%

Mean Data

ID: WS75312 Seq. No.: 20 Sample No.: 9 A/S Pos: 17
Sample Qty: 0.5200 g Prep. Vol.: 50.0 mL Dilution: 1.0: 1.0

Data: Original Date: 12/22/2000 2:40:10 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2259913.8	4.9566	0.02245	mg/L				0.45%
Ag 338.289	497.0	0.005554	0.0000015	mg/L	0.64539	0.000171	mg/kg	0.03%
Ag 328.068	937.5	0.006797	0.0001660	mg/L	0.78993	0.019292	mg/kg	2.44%
Al 308.215	755958.6	60.063	0.1349	mg/L	6980.0	15.68	mg/kg	0.22%
As 188.979	87.1	0.096719	0.0001740	mg/L	11.240	0.0202	mg/kg	0.18%
B 249.677	-1897.8	0.060662	0.0000239	mg/L	7.0496	0.00278	mg/kg	0.04%
Ba 233.527	51117.0	0.97955	0.011909	mg/L	113.83	1.384	mg/kg	1.22%
Be 313.107	12593.0	0.006677	0.0000865	mg/L	0.77596	0.010056	mg/kg	1.30%
Ca 430.253	560710.7	231.53	0.787	mg/L	26907	91.5	mg/kg	0.34%
Ca 317.933	20606019.1	229.31	0.282	mg/L	26648	32.7	mg/kg	0.12%
Cd 226.502	2639.6	0.047179	0.0002806	mg/L	5.4828	0.03261	mg/kg	0.59%
Co 228.616	1260.9	0.049167	0.0004962	mg/L	5.7137	0.05766	mg/kg	1.01%
Cr 267.716	18797.8	0.30983	0.001287	mg/L	36.005	0.1496	mg/kg	0.42%
Cu 324.752	105644.4	0.48970	0.003577	mg/L	56.909	0.4157	mg/kg	0.73%
Fe 302.107	769308.5	242.15	0.492	mg/L	28141	57.2	mg/kg	0.20
Fe 238.204	8142285.6	171.21	0.406	mg/L	19896	47.2	mg/kg	0.24%
Mg 279.077	421040.5	48.848	0.4921	mg/L	5676.7	57.18	mg/kg	1.01%
Mn 257.610	4113173.1	9.4612	0.01206	mg/L	1099.5	1.40	mg/kg	0.13%
Mo 202.031	220.3	0.031439	0.0005181	mg/L	3.6535	0.06021	mg/kg	1.65%
Ni 231.604	6090.6	0.24535	0.000946	mg/L	28.513	0.1099	mg/kg	0.39
Pb 220.353	3790.5	0.94572	0.001626	mg/L	109.90	0.189	mg/kg	0.17
Sb 206.836	1.9	0.001099	0.0002144	mg/L	0.12767	0.024913	mg/kg	19.51
Se 196.026	-62.0	-0.019822	0.0033034	mg/L	-2.3036	0.38390	mg/kg	16.67%
Ti 336.121	86262.6	0.37522	0.001253	mg/L	43.604	0.1457	mg/kg	0.33%
Tl 190.801	-52.1	-0.005981	0.0033597	mg/L	-0.69501	0.390435	mg/kg	56.18%
V 292.402	24000.7	0.21825	0.001834	mg/L	25.363	0.2131	mg/kg	0.84%
Zn 206.200	53232.4	1.8325	0.01732	mg/L	212.96	2.013	mg/kg	0.95%
Sn 189.927	-325.6	-0.074541	0.0002704	mg/L	-8.6625	0.03142	mg/kg	0.36

Mean Data

ID: WS75312 DUP Seq. No.: 21 Sample No.: 10 A/S Pos: 18
Sample Qty: 0.5300 g Prep. Vol.: 50.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/22/2000 2:46:32 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Y 360.073	2245419.2	4.9248	0.02003	mg/L			RPD	0.41%
Ag 338.289	84.7	0.000947	0.0000330	mg/L	0.10797	0.003766	mg/kg	3.49%
Ag 328.068	488.0	0.003538	0.0000564	mg/L	0.40341	0.006435	mg/kg	1.60%
Al 308.215	960821.7	76.340	0.1448	mg/L	8704.2	16.51	mg/kg	0.19%
As 188.979	67.2	0.076744	0.0015110	mg/L	8.7503	0.17228	mg/kg	1.97%
B 249.677	-1556.4	0.075603	0.0000476	mg/L	8.6201	0.00542	mg/kg	0.06%
Ba 233.527	60180.5	1.1532	0.00091	mg/L	131.49	0.104	mg/kg	0.08%
Be 313.107	16810.7	0.008913	0.0000151	mg/L	1.0163	0.00172	mg/kg	0.17%
Ca 430.253	748254.7	308.97	0.102	mg/L	35229	11.7	mg/kg	0.03
Ca 317.933	26529468.4	295.20	0.085	mg/L	33659	9.7	mg/kg	0.03%
Cd 226.502	2881.1	0.051827	0.0000040	mg/L	5.9093	0.00046	mg/kg	0.01%
Co 228.616	1301.5	0.050504	0.0000718	mg/L	5.7584	0.00819	mg/kg	0.14
Cr 267.716	23048.7	0.37989	0.000638	mg/L	43.315	0.0728	mg/kg 18.4	0.17
Cu 324.752	93359.1	0.43275	0.000927	mg/L	49.342	0.1057	mg/kg	0.21%
Fe 302.107	817487.1	257.32	0.788	mg/L	29339	89.8	mg/kg	0.31%
Fe 238.204	8440071.3	177.47	0.172	mg/L	20235	19.6	mg/kg	0.10%
Mg 279.077	568098.0	65.849	0.1630	mg/L	7508.1	18.59	mg/kg	0.25
Mn 257.610	7715883.5	17.748	0.0119	mg/L	2023.6	1.36	mg/kg	0.07%
Mo 202.031	82.7	0.015596	0.0000939	mg/L	1.7783	0.01070	mg/kg	0.60%
Ni 231.604	4075.6	0.16216	0.000644	mg/L	18.489	0.0735	mg/kg	0.40%
Pb 220.353	4895.8	1.2235	0.00458	mg/L	139.50	0.523	mg/kg	0.37%
Sb 206.836	5.2	0.003035	0.0012766	mg/L	0.34604	0.145558	mg/kg	42.06%
Se 196.026	-54.6	-0.010737	0.0121374	mg/L	-1.2242	1.38389	mg/kg	113.04%
Ti 336.121	122064.7	0.53094	0.001780	mg/L	60.538	0.2030	mg/kg	0.34%
Tl 190.801	-47.8	-0.002542	0.0041239	mg/L	-0.28988	0.470201	mg/kg	162.20%
V 292.402	46952.4	0.40336	0.000061	mg/L	45.990	0.0070	mg/kg	0.02%
Zn 206.200	63793.0	2.1960	0.01266	mg/L	250.39	1.444	mg/kg	0.58%
Sn 189.927	-347.7	-0.086549	0.0001992	mg/L	-9.8682	0.02271	mg/kg	0.23%

Mean Data

ID: WS75312 SPIKE Seq. No.: 22 Sample No.: 11 A/S Pos: 19
Sample Qty: 0.5000 g Prep. Vol.: 50.0 mL Dilution: 1.0: 1.0
Data: Original Date: 12/22/2000 2:53:12 PM

% Solids = 82.74 Expected SOK = 121 mg/kg

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Y 360.073	2222720.5	4.8750	0.01494	mg/L				0.31%
Ag 338.289	77331.7	0.85547	0.002668	mg/L	103.39	0.322	mg/kg	0.31%
Ag 328.068	119743.1	0.86815	0.000930	mg/L	104.92	0.112	mg/kg	0.11%
Al 308.215	1355485.2	107.67	0.613	mg/L	13013	74.1	mg/kg	0.57%
As 188.979	941.4	0.98250	0.005116	mg/L	118.75	0.618	mg/kg	0.52%
B 249.677	20029.9	0.71648	0.004776	mg/L	86.594	0.5773	mg/kg	0.67%
Ba 233.527	125486.1	2.4047	0.00123	mg/L	290.63	0.148	mg/kg	0.05%
Be 313.107	1631769.4	0.86520	0.003164	mg/L	104.57	0.382	mg/kg	0.37%
Ca 430.253	1214407.6	501.46	0.999	mg/L	60607	120.8	mg/kg	0.20%
Ca 317.933	39724120.9	441.98	0.614	mg/L	53418	74.2	mg/kg	0.14%
Cd 226.502	40340.3	0.87167	0.003324	mg/L	105.35	0.402	mg/kg	0.38%
Co 228.616	18632.5	0.82699	0.002818	mg/L	99.950	0.3405	mg/kg	0.34%
Cr 267.716	88589.1	1.4601	0.00153	mg/L	176.47	0.185	mg/kg	0.10%
Cu 324.752	319125.1	1.4881	0.00021	mg/L	179.85	0.025	mg/kg	0.01%
Fe 302.107	1671946.7	526.27	4.931	mg/L	63605	596.0	mg/kg	0.94%
Fe 238.204	13409728.5	281.96	0.912	mg/L	34078	110.2	mg/kg	0.32%
Mg 279.077	645462.6	75.017	0.5437	mg/L	9066.6	65.71	mg/kg	0.72%
Mn 257.610	5596768.7	12.874	0.0221	mg/L	1555.9	2.68	mg/kg	0.17%
Mo 202.031	6621.0	0.78464	0.001950	mg/L	94.832	0.2357	mg/kg	0.25
Ni 231.604	29005.5	1.1818	0.00037	mg/L	142.83	0.045	mg/kg	0.03%
Pb 220.353	7218.5	1.8046	0.01121	mg/L	218.10	1.355	mg/kg	0.62
Sb 206.836	68.2	0.039482	0.0058178	mg/L	4.7718	0.70314	mg/kg	14.74
Se 196.026	758.2	0.77529	0.007759	mg/L	93.701	0.9378	mg/kg	1.00%
Ti 336.121	329057.4	1.4313	0.00310	mg/L	172.99	0.375	mg/kg	0.22
Tl 190.801	1360.7	0.74226	0.003591	mg/L	89.709	0.4340	mg/kg	0.48
V 292.402	128914.8	1.0878	0.00110	mg/L	131.47	0.133	mg/kg	0.10
Zn 206.200	112674.8	3.8787	0.00705	mg/L	468.78	0.852	mg/kg	0.18
Sn 189.927	-429.0	-0.096204	0.0009901	mg/L	-11.627	0.1197	mg/kg	1.03%

Mean Data

ID: CCB Seq. No.: 23 Sample No.: 6 A/S Pos: 1
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 12/22/2000 2:59:18 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Y 360.073	2297518.2	5.0391	0.03728	mg/L				0.74%
Ag 338.289	85.2	0.000952	0.0001130	mg/L				11.87
Ag 328.068	92.6	0.000671	0.0000728	mg/L				10.84%
Al 308.215	1101.8	0.087540	0.0044458	mg/L				5.08%
*QC exceeds upper limit for Al 308.215			Action = Continue					
As 188.979	5.8	0.005995	0.0014003	mg/L				23.36%
B 249.677	403.3	0.009761	0.0005231	mg/L				5.36%
Ba 233.527	115.7	0.002217	0.0001707	mg/L				7.70%
Be 313.107	1454.3	0.000771	0.0000785	mg/L				10.18
Ca 430.253	953.7	0.39382	0.030390	mg/L				7.72%
*QC exceeds upper limit for Ca 430.253			Action = Continue					
Ca 317.933	43632.0	0.48555	0.041099	mg/L				8.46
*QC exceeds upper limit for Ca 317.933			Action = Continue					
Cd 226.502	37.9	0.000843	0.0000191	mg/L				2.26
Co 228.616	18.5	0.000837	0.0001432	mg/L				17.10%
Cr 267.716	73.4	0.001209	0.0001823	mg/L				15.07%
Cu 324.752	4076.1	0.018894	0.0002755	mg/L				1.46
Fe 302.107	1446.1	0.45518	0.027250	mg/L				5.99%
*QC exceeds upper limit for Fe 302.107			Action = Continue					
Fe 238.204	23292.2	0.48976	0.039847	mg/L				8.14%
*QC exceeds upper limit for Fe 238.204			Action = Continue					
Mg 279.077	739.9	0.085481	0.0075276	mg/L				8.81%
Mn 257.610	8249.0	0.018974	0.0014676	mg/L				7.73%
Mo 202.031	9.4	0.001103	0.0001664	mg/L				15.09%
Ni 231.604	33.2	0.001364	0.0003332	mg/L				24.43%
Pb 220.353	-5.6	-0.001422	0.0006539	mg/L				45.98%
Sb 206.836	2.1	0.001201	0.0006411	mg/L				53.38
Se 196.026	0.5	0.000447	0.0026476	mg/L				592.51%
Ti 336.121	594.6	0.002586	0.0016638	mg/L				64.33%
Tl 190.801	0.5	0.000237	0.0029441	mg/L				>999.9%
V 292.402	121.5	0.000971	0.0000552	mg/L				5.69%
Zn 206.200	238.1	0.008195	0.0005567	mg/L				6.79%
Sn 189.927	-4.3	-0.001016	0.0000619	mg/L				6.09%

Calibration Summary
Method: TAL LIST Low Level Date: 12/22/2000 3:08:43 PM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 338.289	5	Linear-thru-Zero	0.0	89495.3	0.00000	0.999997
Ag 328.068	5	Linear-thru-Zero	0.0	137928.7	0.00000	0.999999
Al 308.215	3	Linear-thru-Zero	0.0	12586.1	0.00000	0.999975
As 188.979	4	Linear-thru-Zero	0.0	973.7	0.00000	0.999999
B 249.677	3	Linear-thru-Zero	0.0	41314.7	0.00000	0.999984
Ba 233.527	5	Linear-thru-Zero	0.0	52184.4	0.00000	0.999998
Be 313.107	5	Linear-thru-Zero	0.0	1885996.7	0.00000	0.999999
Ca 430.253	3	Linear-thru-Zero	0.0	2421.7	0.00000	0.999930
Ca 317.933	3	Linear-thru-Zero	0.0	89861.0	0.00000	0.999995
Cd 226.502	5	Linear-thru-Zero	0.0	44990.0	0.00000	0.999999
Co 228.616	5	Linear-thru-Zero	0.0	22068.2	0.00000	0.999999
Cr 267.716	5	Linear-thru-Zero	0.0	60672.1	0.00000	1.000000
Cu 324.752	5	Linear-thru-Zero	0.0	215732.9	0.00000	0.999992
Fe 302.107	3	Linear-thru-Zero	0.0	3177.0	0.00000	0.999967
Fe 238.204	3	Linear-thru-Zero	0.0	47558.2	0.00000	0.999999
Mg 279.077	3	Linear-thru-Zero	0.0	8656.2	0.00000	0.999999
Mn 257.610	5	Linear-thru-Zero	0.0	434741.9	0.00000	0.999995
Mo 202.031	5	Linear-thru-Zero	0.0	8494.8	0.00000	1.000000
Ni 231.604	5	Linear-thru-Zero	0.0	24313.8	0.00000	1.000000
Pb 220.353	4	Linear-thru-Zero	0.0	3971.3	0.00000	0.999998
Sb 206.836	4	Linear-thru-Zero	0.0	1728.2	0.00000	0.999997
Se 196.026	4	Linear-thru-Zero	0.0	1091.2	0.00000	0.999996
Ti 336.121	4	Linear-thru-Zero	0.0	229901.3	0.00000	0.999999
Tl 190.801	4	Linear-thru-Zero	0.0	1966.8	0.00000	0.999998
V 292.402	5	Linear-thru-Zero	0.0	125109.5	0.00000	0.999999
Zn 206.200	5	Linear-thru-Zero	0.0	29049.3	0.00000	1.000000
Sn 189.927	4	Linear-thru-Zero	0.0	4245.2	0.00000	1.000000

Method: TAL LIST Low Level IEC: 0607iecb.iec MSF:
Results: 122200B Spectra Stored: Yes Method Stored: No
Sample Info: 122200sb User: User1 Date: 12/22/2000 3:08:43 PM
Method Description: TAL LIST

Mean Data
ID: CCV Seq. No.: 24 Sample No.: 5 A/S Pos: 4
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 12/22/2000 3:11:06 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Y 360.073	2292462.8	5.0280	0.01921	mg/L				0.38%
Ag 338.289	87680.4	0.97972	0.005136	mg/L				0.52%
Ag 328.068	136556.5	0.99005	0.005076	mg/L				0.51%
Al 308.215	12446.1	0.98887	0.009209	mg/L				0.93%
As 188.979	985.9	1.0125	0.00335	mg/L				0.33%
B 249.677	40054.7	0.96950	0.008978	mg/L				0.93%
Ba 233.527	53647.5	1.0280	0.00738	mg/L				0.72%
Be 313.107	1880205.4	0.99693	0.000923	mg/L				0.09%
Ca 430.253	2333.8	0.96368	0.011654	mg/L				1.21%
Ca 317.933	102920.5	1.1453	0.00617	mg/L				0.54%
*QC exceeds upper limit for Ca 317.933			Recovery = 114.53%		Action = Continue			
Cd 226.502	44745.4	0.99456	0.005888	mg/L				0.59%
Co 228.616	22150.4	1.0037	0.00504	mg/L				0.50%
Cr 267.716	60535.7	0.99775	0.004422	mg/L				0.44%
Cu 324.752	212858.3	0.98668	0.005818	mg/L				0.59%
Fe 302.107	3512.4	1.1056	0.00102	mg/L				0.09%
*QC exceeds upper limit for Fe 302.107			Recovery = 110.56%		Action = Continue			
Fe 238.204	55256.6	1.1619	0.00554	mg/L				0.48%
*QC exceeds upper limit for Fe 238.204			Recovery = 116.19%		Action = Continue			
Mg 279.077	8806.5	1.0174	0.00410	mg/L				0.40%
Mn 257.610	450407.4	1.0360	0.00054	mg/L				0.05%
Mo 202.031	8411.1	0.99014	0.004784	mg/L				0.48%
Ni 231.604	24616.4	1.0124	0.00324	mg/L				0.32%
Pb 220.353	3940.5	0.99226	0.003287	mg/L				0.33%
Sb 206.836	1674.2	0.96874	0.003030	mg/L				0.31%

APPENDIX D

CONTAMINATED SOIL: WEIGH TICKETS, WASTE PROFILE, AND WASTE MANIFESTS

WASTE MANAGEMENT
CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36094
DATE: 12/13/2000
TIME: 11:34 - 11:45

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA40 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2971
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 71680 LBS
TARE: 27560 LBS
NET: 44120 LBS
TONS: 22.06

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.06
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: TLL-45

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36051
DATE: 12/19/2000
TIME: 06:50 - 09:14

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA27 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2966
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 65680 LBS
TARE: 27120 LBS
NET: 38560 LBS
TONS: 19.28

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	19.28
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT
CHAFFEE LANDFILL
10660 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36064
DATE: 12/19/2000
TIME: 09:08 - 09:5[illegible]

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2939
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 67140 LBS
TARE: 26700 LBS
NET: 40440 LBS
TONS: 20.22

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	20.22
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: R Beck

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36065
DATE: 12/19/2000
TIME: 09:28 - 10:0[illegible]

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA30 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2944
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 61100 LBS
TARE: 26900 LBS
NET: 34200 LBS
TONS: 17.1

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	17.1
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36082
DATE: 12/19/2000
TIME: 10:09 - 10:58

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA28 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2955
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 69460 LBS
TARE: 26720 LBS
NET: 42740 LBS
TONS: 21.37

COMMODITY	UNIT	QNTY
ADJ/COVER - CON	T	21.37
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: Cecil Moore

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36084
DATE: 12/19/2000
TIME: 10:11 - 11:0

CUSTOMER: 174-505 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA15
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2952
ROUTE: NA / Non App
P.O.:
COMMENT:

CUYDS: 0

GROSS: 65640 LBS
TARE: 27860 LBS
NET: 37780 LBS
TONS: 18.89

GRID: 28 / 9G1540

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	18.89
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSA

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36084
DATE: 12/19/2000
TIME: 10:11 - 11:0?

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA15 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2952
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 65640 LBS
TARE: 27860 LBS
NET: 37780 LBS
TONS: 18.89

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	18.89
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36096
DATE: 12/19/2000
TIME: 11:29 - 11:55

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA27 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2967
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 72880 LBS
TARE: 26380 LBS
NET: 45900 LBS
TONS: 22.95

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.95
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36102
DATE: 12/19/2000
TIME: 11:57 - 12:22

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2938
ROUTE: NA / Non App GRID: 28 / 961540
P.O.:
COMMENT:

GROSS:	71160	LBS
TARE:	26560	LBS
NET:	44600	LBS
TONS:	22.3	

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.3
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: JENNY JONES

DRIVER: R Beach

WASTE MANAGEMENT
CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36105
DATE: 12/19/2000
TIME: 12:08 - 12:31

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA30 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2945
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 68040 LBS
TARE: 26720 LBS
NET: 41320 LBS
TONS: 20.66

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	20.66
FUELSUR/FUEL SU	T	

IN OPERATOR: JENNY JONES

OUT OPERATOR: JENNY J.

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36116
DATE: 12/19/2000
TIME: 12:53 - 13:1

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA28 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2956
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 69480 LBS
TARE: 26600 LBS
NET: 42880 LBS
TONS: 21.44

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	21.44
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: Neil Moore

WASTE MANAGEMENT
CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36117
DATE: 12/19/2000
TIME: 12:54 - 13:13

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA15 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2953
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 68500 LBS
TARE: 27780 LBS
NET: 40720 LBS
TONS: 20.36

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	20.36
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT
CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36123
DATE: 12/19/2000
TIME: 13:27 - 13:36

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA40 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2972
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 74160 LBS
TARE: 27460 LBS
NET: 46700 LBS
TONS: 23.35

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	23.35
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: [signature]

WASTE MANAGEMENT
CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36129
DATE: 12/19/2000
TIME: 13:48 - 14:00

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA27 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2968
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 76260 LBS
TARE: 26820 LBS
NET: 49440 LBS
TONS: 24.72

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	24.72
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36137
DATE: 12/19/2000
TIME: 14:11 - 14:28

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2940
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 73200 LBS
TARE: 26480 LBS
NET: 46720 LBS
TONS: 23.36

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	23.36
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: R. Bush

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36151
DATE: 12/19/2000
TIME: 14:37 - 14:5.

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA30 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2946
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 72580 LBS
TARE: 26640 LBS
NET: 45940 LBS
TONS: 22.97

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.97
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT
CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36162
DATE: 12/13/2000
TIME: 15:24 - 15:40

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA28 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2957
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 75780 LBS
TARE: 26600 LBS
NET: 49180 LBS
TONS: 24.59

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	24.59
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: Gail Moody

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36165
DATE: 12/19/2000
TIME: 15:26 - 15:47

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA15 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2375
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 73900 LBS
TARE: 27740 LBS
NET: 46160 LBS
TONS: 23.08

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	23.08
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: Jon C

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36303
DATE: 12/20/2000
TIME: 14:24 - 14:57

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA28 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2982
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2982

GROSS: 72420 LBS
TARE: 26380 LBS
NET: 46040 LBS
TONS: 23.02

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	23.02
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: Carl Moore

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36301
DATE: 12/20/2000
TIME: 14:24 - 14:53

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA40 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2988
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2988

GROSS: 78320 LBS
TARE: 27240 LBS
NET: 51080 LBS
TONS: 25.54

COMMODITY	UNIT	QNTY
ADD/COVER - CON	T	25.54
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: LC-40

WASTE MANAGEMENT

CHAFFEE LANDFILL
10560 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 38292
DATE: 12/20/2000
TIME: 14:04 - 14:[illegible]

CUSTOMER: 174-565 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA29 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2991
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2991

GROSS: 69940 LBS
TARE: 25700 LBS
NET: 43240 LBS
TONS: 21.62

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	21.62
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: [signature]

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36194
DATE: 12/20/2000
TIME: 08:31 - 09:1M

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA15 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST:
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2976

GROSS: 72840 LBS
TARE: 28100 LBS
NET: 44740 LBS
TONS: 22.37

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.37
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36196
DATE: 12/20/2000
TIME: 08:58 - 09:15

CUSTOMER: 174-505 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2941
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2941

GROSS: 71280 LBS
TARE: 26900 LBS
NET: 44380 LBS
TONS: 22.19

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.19
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: R Bush

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36203
DATE: 12/20/2000
TIME: 09:28 - 09:47

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA30 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2962
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2962

GROSS: 70280 LBS
TARE: 27000 LBS
NET: 43280 LBS
TONS: 21.64

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	21.64
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT
CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36217
DATE: 12/20/2000
TIME: 09:59 - 10:18

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA28 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2990
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2980

GROSS: 66700 LBS
TARE: 26780 LBS
NET: 39920 LBS
TONS: 19.96

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	19.96
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: Cecil Moore

WASTE MANAGEMENT

CHAFFEE LANDFILL
10660 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36221
DATE: 12/20/2000
TIME: 10:23 - 10:34

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA40 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2973
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2973

GROSS: 70640 LBS
TARE: 27740 LBS
NET: 42900 LBS
TONS: 21.45

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	21.45
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT
CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36241
DATE: 12/20/2000
TIME: 10:58 - 11:21

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA27 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3191
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 3191

GROSS: 69460 LBS
TARE: 27020 LBS
NET: 42440 LBS
TONS: 21.22

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	21.22
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT
CHAFFEE LANDFILL
10660 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36242
DATE: 12/20/2000
TIME: 11:00 - 11:24

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA29 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2990
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2990

GROSS: 66180 LBS
TARE: 26620 LBS
NET: 39560 LBS
TONS: 19.78

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	19.78
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: Al Price

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36246
DATE: 12/20/2000
TIME: 11:08 - 11:32

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA15 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2977
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2977

GROSS: 69220 LBS
TARE: 28000 LBS
NET: 41220 LBS
TONS: 20.61

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	20.61
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT
CHAFFEE LANDFILL
10660 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36248
DATE: 12/20/2000
TIME: 11:19 - 11:42

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3166
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 3166

GROSS: 73140 LBS
TARE: 26740 LBS
NET: 46400 LBS
TONS: 23.2

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	23.2
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: R Bush

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36253
DATE: 12/20/2000
TIME: 11:36 - 11:58

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA30 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2963
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2963

GROSS: 75600 LBS
TARE: 26860 LBS
NET: 48740 LBS
TONS: 24.37

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	24.37
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36282
DATE: 12/20/2000
TIME: 12:17 - 12:34

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA28 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2981
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS: 76080 LBS
TARE: 26620 LBS
NET: 49460 LBS
TONS: 24.73

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	24.73
FUELSUR/FUEL SU	T	

IN OPERATOR: JENNY JONES

OUT OPERATOR: JENNY JONES

DRIVER: Cecil Moore

WASTE MANAGEMENT
CHAFFEE LANDFILL
10660 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36263
DATE: 12/20/2000
TIME: 12:18 - 12:36

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA40 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST:
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2987

GROSS: 79000 LBS
TARE: 27440 LBS
NET: 51560 LBS
TONS: 25.78

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	25.78
FUELSUR/FUEL SU	T	

IN OPERATOR: JENNY JONES

OUT OPERATOR: JENNY

DRIVER: TLL-40

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36280
DATE: 12/20/2000
TIME: 13:34 - 13:53

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA15 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2978
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2978

GROSS: 74040 LBS
TARE: 27760 LBS
NET: 46280 LBS
TONS: 23.14

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	23.14
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36281
DATE: 12/20/2000
TIME: 13:55 - 13:56

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3167
ROUTE: NA / Non App GRID: 28 / 961540
P.O.:
COMMENT: 3167

GROSS: 71260 LBS Manual
TARE: 26560 LBS Manual
NET: 44700 LBS
TONS: 22.35

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.35
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: R Bush

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36276
DATE: 12/20/2000
TIME: 13:26 - 13:40

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA27 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2993
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2993

GROSS: 70980 LBS
TARE: 26780 LBS
NET: 44200 LBS
TONS: 22.1

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.1
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: John Brown

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36296
DATE: 12/20/2000
TIME: 13:49 - 14:03

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA30 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST:
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT:

GROSS:	70400	LBS
TARE:	26660	LBS
NET:	43740	LBS
TONS:	21.87	

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	21.87
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36331
DATE: 12/20/2000
TIME: 15:34 - 15:55

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA27 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2994
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2994

GROSS: 70700 LBS
TARE: 26680 LBS
NET: 44020 LBS
TONS: 22.01

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.01
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: John Brock

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-8000

CHAFFEE LANDFILL

TICKET: 36429
DATE: 12/21/2000
TIME: 12:58 - 13:11

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA30 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3010
ROUTE: NA / Non App GRID: 28 / SG1540
P.O.:
COMMENT: 3010

GROSS: 70460 LBS
TARE: 26760 LBS
NET: 43700 LBS
TONS: 21.85

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	21.85
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36477
DATE: 12/21/2000
TIME: 15:32 - 15:4[illegible]

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3171
ROUTE: NA / Non App
P.O.:
COMMENT: 3171

GROSS:	69020	LBS
TARE:	26420	LBS
NET:	42600	LBS
TONS:	21.3	

CUYDS: 0

GRID: 26 / 9G1540

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	21.3
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: R Bush

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36473
DATE: 12/21/2000
TIME: 15:05 - 15:1

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA40 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3003
ROUTE: NA / Non App GRID: 28 / 961540
P.O.:
COMMENT: 3003

GROSS: 63700 LBS
TARE: 27320 LBS
NET: 36380 LBS
TONS: 18.19

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	18.19
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: LC-40

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36470
DATE: 12/21/2000
TIME: 14:54 - 15:1[illegible]

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA29 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2959
ROUTE: NA / Non App GRID: 28 / 961540
P.O.:
COMMENT: 2959

GROSS: 67500 LBS
TARE: 26420 LBS
NET: 41080 LBS
TONS: 20.54

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	20.54
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: [signature]

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36467
DATE: 12/21/2000
TIME: 14:50 - 15:04

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA27 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3194
ROUTE: NA / Non App GRID: 28 / 961540
P.O.:
COMMENT: 3194

GROSS: 68660 LBS
TARE: 26840 LBS
NET: 41820 LBS
TONS: 20.91

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	20.91
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36459
DATE: 12/21/2000
TIME: 14:25 - 14:38

CUSTOMER: 174-585 /LACKAWANNA, CITY OF

		GROSS:	68120	LBS
COUNTY: ERIE / ERIE		TARE:	26660	LBS
TRUCK: LCA28	CUYDS: 0	NET:	41460	LBS
TRAILER:		TONS:	20.73	

MANIFEST: 2985
ROUTE: NA / Non App GRID: 28 / 961540
P.O.:
COMMENT:

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	20.73
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN OUT OPERATOR: SUSAN

DRIVER: James Wagner

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36452
DATE: 12/21/2000
TIME: 14:07 - 14:2[illegible]

CUSTOMER: [illegible], CITY OF

COUNTY: ERIE / ERIE
TRUCK: LCA15 CUYDS: 0
TRAILER:

GROSS: 72500 LBS
TARE: 27780 LBS
NET: 44720 LBS
TONS: 22.36

MANIFEST: 3196
ROUTE: NA / Non App GRID: 28 / 9G1340
P.O.:
COMMENT:

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.36
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: John Brooks

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36425
DATE: 12/21/2000
TIME: 12:48 - 12:5[illegible]

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3170
ROUTE: NA / Non App GRID: 28 / SG1540
P.O.:
COMMENT: 3170

GROSS: 71440 LBS
TARE: 26620 LBS
NET: 44820 LBS
TONS: 22.41

COMMODITY	UNIT	QNTY
ADS/COVER - CON	T	22.41
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: K Bush

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36419
DATE: 12/21/2000
TIME: 12:17 - 12:3[illegible]

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA40 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3002
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 3002

GROSS: 75320 LBS
TARE: 27440 LBS
NET: 47880 LBS
TONS: 23.96

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	23.96
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: LC-40

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36414
DATE: 12/21/2000
TIME: 12:11 - 12:33

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA27 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3193
ROUTE: NA / Non App GRID: 28 / 961540
P.O.:
COMMENT: 3193

GROSS: 75640 LBS
TARE: 26960 LBS
NET: 48680 LBS
TONS: 24.34

COMMODITY	UNIT	QNTY
AD2/COVER - CON T		24.34
FUELSUR/FUEL SU T		

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36410
DATE: 12/21/2000
TIME: 11:37 - 11:54

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA29 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2958
ROUTE: NA / Non App GRID: 26 / 9G1540
P.O.:
COMMENT: 2958

GROSS: 70780 LBS
TARE: 26580 LBS
NET: 44200 LBS
TONS: 22.1

COMMODITY	UNIT	QNTY
ADD/COVER - CON	T	22.1
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36408
DATE: 12/21/2000
TIME: 11:25 - 11:39

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA28 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2984
ROUTE: NA / Non App GRID: 28 / 961540
P.O.:
COMMENT: 2984

GROSS: 74100 LBS
TARE: 26780 LBS
NET: 47320 LBS
TONS: 23.66

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	23.66
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: Susan Myers

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36403
DATE: 12/21/2000
TIME: 11:09 - 11:2

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA15 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3195
ROUTE: NA / Non App GRID: 28 / 961540
P.O.:
COMMENT: 3195

GROSS: 74360 LBS
TARE: 27860 LBS
NET: 46500 LBS
TONS: 23.25

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	23.25
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSA

DRIVER: John Brooks

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35399
DATE: 12/21/2000
TIME: 10:52 - 11:0F

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA30 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3009
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 3009

GROSS: 71140 LBS
TARE: 26800 LBS
NET: 44340 LBS
TONS: 22.17

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.17
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 35393
DATE: 12/21/2000
TIME: 10:40 - 10:5

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3169
ROUTE: NA / Non App GRID: 26 / 9G1540
P.O.:
COMMENT: 3169

GROSS: 72180 LBS
TARE: 26680 LBS
NET: 45500 LBS
TONS: 22.75

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.75
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSA

DRIVER: R Bush

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36384
DATE: 12/21/2000
TIME: 10:21 - 10:31

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA40 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2989
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2989

GROSS: 75620 LBS
TARE: 27520 LBS
NET: 48100 LBS
TONS: 24.05

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	24.05
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: LC-40

WASTE MANAGEMENT

CHAFFEE LANDFILL
10660 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36376
DATE: 12/21/2000
TIME: 09:41 - 10:03

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA27 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3192
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 3192

GROSS: 76220 LBS
TARE: 27060 LBS
NET: 49160 LBS
TONS: 24.58

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	24.58
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36370
DATE: 12/21/2000
TIME: 09:19 - 09:33

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA29 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2992
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2992

GROSS: 66440 LBS
TARE: 26720 LBS
NET: 39720 LBS
TONS: 19.86

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	19.86
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT
CHAFFEE LANDFILL
10660 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36366
DATE: 12/21/2000
TIME: 09:04 - 09:23

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA28 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2983
ROUTE: NA / Non App GRID: 29 / 961540
P.O.:
COMMENT: 2983

GROSS: 71760 LBS
TARE: 26880 LBS
NET: 44880 LBS
TONS: 22.44

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.44
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: James Gregory

WASTE MANAGEMENT
CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36363
DATE: 12/21/2000
TIME: 08:56 - 09:15

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA15 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2979
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 2979

GROSS: 69760 LBS Manual
TARE: 27980 LBS
NET: 41780 LBS
TONS: 20.89

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	20.89
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: John Brooks

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36356
DATE: 12/21/2000
TIME: 08:33 - 08:50

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA30 CUYDS: 0
TRAILER:
PROF #: CR3471 / CONTAMINATED SOIL COVER
MANIFEST: 2965
ROUTE: NA / Non App GRID: 28 / 981540
P.O.:
COMMENT: 2965

GROSS: 70520 LBS
TARE: 26880 LBS
NET: 43640 LBS
TONS: 21.82

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	21.82
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10560 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36355
DATE: 12/21/2000
TIME: 08:23 - 08:40

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3168
ROUTE: NA / Non App GRID: 28 / 961540
P.O.:
COMMENT: 3168

GROSS:	72240	LBS
TARE:	26760	LBS
NET:	45480	LBS
TONS:	22.74	

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.74
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10580 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36349
DATE: 12/21/2000
TIME: 08:16 - 02:27

CUSTOMER: 174-583 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA40 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 2974
ROUTE: NA / Non App GRID: 28 / 961540
P.O.:
COMMENT: 2974

GROSS: 78460 LBS
TARE: 27580 LBS
NET: 50880 LBS
TONS: 25.44

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	25.44
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36664
DATE: 12/26/2000
TIME: 13:09 - 13:25

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3189
ROUTE: NA / Non App GRID: 28 / 961540
P.O.:
COMMENT: 3189

GROSS: 61700 LBS
TARE: 26640 LBS
NET: 35060 LBS
TONS: 17.53

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	17.53

IN OPERATOR: JENNY JONES

OUT OPERATOR: SUSAN

DRIVER: R Bush

WASTE MANAGEMENT

CHAFFEE LANDFILL
10880 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36633
DATE: 12/26/2000
TIME: 10:44 - 10:59

CUSTOMER: 17+-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA25
TRAILER:
PROF #: CR3471 / CONTAMINATED SOIL COVER
MANIFEST: 3190
ROUTE: NA / Non App
P.O.:
COMMENT: 3190

GROSS:	62960	LBS		
TARE:	26900	LBS		
NET:	36060	LBS		
TONS:	18.03			
CUYDS: 0				
GRID: 28 / 901540				

COMMODITY	UNIT	QUANTITY
AD2/COVER - CON T		18.03

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: R. Bush

WASTE MANAGEMENT

CHAFFEE LANDFILL
10860 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36700
DATE: 12/26/2000
TIME: 15:32 - 15:47

CUSTOMER: 174-585 /LACKAWANNA, CITY OF
GENERATOR: /Non App
COUNTY: NIAGARA / NIAGARA
TRUCK: LCA36 CUYDS: 0
TRAILER:
PROF #: CR9471 / CONTAMINATED SOIL COVER
MANIFEST: 3161
ROUTE: NA / Non App GRID: 28 / 9G1540
P.O.:
COMMENT: 3161

GROSS: 76240 LBS
TARE: 29800 LBS
NET: 46440 LBS
TONS: 23.22

COMMODITY	UNIT	QNTY
AD2/COVER - CON T		23.22

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER: Neil Moore

WASTE MANAGEMENT

GENERATOR'S WASTE PROFILE SHEET
CHAFFEE LANDFILL

PLEASE PRINT IN INK OR TYPE

Service Agreement on File? ☐YES ☐NO — Profile Number: WM CR9471

☐Hazardous ☐Non-Hazardous ☐TSCA — Renewal Date: / /

A. Waste Generator Information

1. Generator Name: CITY OF LACKAWANNA
2. SIC Code:
3. Facility Street Address: A Street + Door
4. Phone: ( )
5. Facility City: Lackawanna
6. State/Province: NY
7. Zip/Postal Code: 14218
8. Generator USEPA/Federal ID #:
9. County: Erie
10. State/Province ID #:
11. Customer Name: SLC ENVIRONMENTAL SERVICES
12. Customer Phone: (716 1866 [illegible]
13. Customer Contact:
14. Customer Fax:
15. Billing Address 995 Hill St. Lockport, NY 14094 ☐Same as above

B. Waste Stream Information

1. Description
   a. Name of Waste: Soil
   b. Process Generating Waste: NATIVE Soil & Fill Soils

c. Color	d. Strong odor (describe):	e. Physical state @ 70°F	f. Layers	g. Free liquid range
BLACK		☒Solid ☐Liquid ☐Gas ☐Sludge ☐Other	☐Single Layer ☐Multi-layer	0 to 0 %
BROWN				h. pH: Range to %
GRAY	None			

i. Liquid Flash Point: ☐<73°F ☐73-99°F ☐100-139°F ☐140-199°F ☐≥ 200°F ☒Not applicable

j. Chemical Composition (list all constituents (including halogenated organics, cyanide, and VHOCs) present in any concentration and submit representative analysis):

Constituents	Concentration Range	Constituents	Concentration Range
CINDERS	10 - 30 %		
SAND	10 - 30 %		
GRAVEL	10 - 20 %		
SILT	10 - 20 %		

k. ☐Oxidizer ☐Pyrophoric ☐Explosive ☐Radioactive ☐Carcinogen ☐Infectious ☐Shock Sensitive ☐Water Reactive

l. Does the waste represented by this profile contain any of the carcinogens which require OSHA notification? (list in Section B.1.j) ☐YES ☒NO

m. Does the waste represented by this profile contain dioxins? (list in Section B.1.j) ☐YES ☒NO

n. Does the waste represented by this profile contain asbestos? ☐YES ☒NO
If yes: ☐friable ☐non-friable

o. Does the waste represented by this profile contain benzene? ☐YES ☒NO
If yes, concentration ppm
Is the waste subject to the benzene waste operations NESHAP? ☐YES ☒NO

p. Is the waste subject to RCRA Subpart CC controls? ☐YES ☒NO
If yes, volatile organic concentration ppmw

q. Does the waste contain any Class I or Class II ozone-depleting substances? ☐YES ☒NO

r. Does the waste contain debris? (list in Section B.1.j) ☐YES ☒NO

2. Quantity of Waste
   Estimated Annual Volume: 3000 ☒Tons ☐Yards ☐Drums ☐Other specify:

3. Shipping Information
   a. Packaging:
   ☒Bulk Solid; Type/Size: 22 Ton Truck Load ☐Bulk Liquid; Type/Size:
   ☐Drum; Type; Size: ☐Other:
   b. Shipping Frequency: Limits: 3000 Tons Per: ☐Month ☐Quarter ☐Year ☐One time ☒ Other
   c. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If no, skip d, e, and f) ☐YES ☒NO
   d. Reportable Quantity (lbs.; kgs.): e. Hazard Class/ID #:
   f. USDOT Shipping Name:

WASTE MANAGEMENT GENERATOR [illegible]

CHAFFEE LANDFILL

PLEASE PRINT IN INK OR TYPE

6. Personal Protective Equipment Requirements:

7. Transporter & Transporter Number

GENERATOR CERTIFICATION AND ADDITIONAL INFORMATION

1. Is this a USEPA hazardous waste (40 CFR Part 261)? If this answer is no, skip to 2. ☐YES ☒NO
   a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U)
   b. If a characterized nonhazardous waste, list underlying hazardous constituents (UHCs) apply? If yes, list in Section 8, 10. ☐YES ☐NO
   c. Does this waste contain dioxin? (If yes, list size and type in Chemical Composition - 8, 10.) ☐YES ☐NO

2. Is this a state hazardous waste? ☐YES ☒NO
   Identify ALL state regulated hazardous waste codes:

4. (1) Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up? ☐YES ☒
   If yes, attach Record of Decision (ROD), RD/RA or 122 order or court order that governs site cleanup activity. For state mandated cleanups, provide relevant documentation.

4. Does the waste represented by this waste profile sheet contain radioactive material, or is disposal regulated by the Nuclear Regulatory Commission? ☐YES ☒

5. Does the waste represented by this waste profile sheet contain concentrations of Polychlorinated Biphenyls (PCBs) regulated by 40 CFR 761? (If yes, list in Chemical Composition - 8, 10. ☐YES ☒
   a. If yes, were the PCBs imported into the U.S.? ☐YES ☐NO

6. Do the waste profile sheet and all attachments provide true and accurate descriptions of the waste material, and have all relevant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste been disclosed to the Contractor? ☒YES ☐

7. Will all changes which occur in the character of the waste be identified by the Generator and disclosed to the Contractor prior to providing the waste to the Contractor? ☒YES ☐

☐Check here if a Certificate of Destruction or Disposal is required.

Any sample submitted to representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. I authorize WMI to obtain a sample from any waste shipped for purposes of classification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and such information as it has determined to be reasonably appropriate. If approved for management, Generator has all the necessary permits and can offer the waste listed on this manifest and described by this approved profile.

4. Certification Signature: [signature] Title: Project Manager
   Name (Type or Print): Charles E. Dyer Jr. Company Name: WMS Date: 12/12/00
   ☐Check if additional information is attached. Indicate the number of attached pages: ___

APPROVAL/DISAPPROVAL

1. Management Method: ☒Landfill ☐Non-hazardous Stabilization ☐Solidification ☐Incineration ☐Hazardous Stabilization ☐Other (specify)
2. Proposed Ultimate Management Facility: Chaffee Landfill
3. Precautions, Special Handling Procedures, or Limitation on Approval: Use as daily cover material. Soil should be approved by Site ROD
4. Waste Form: 5. Source: 6. System Type: ☒Approved ☐Disapproved
   Specific Waste Decision:
   Salesperson's Signature:
   RTS/SCD Region 2 Approval: Date:
   Special Waste Approval Person Number: Date: 12/12/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2938

Date: 12-19-00 Time: IN 1052 OUT 1105

Generator: Lackawanna Business

NYS. DEC B-0080-9

2560 Hamburg Turnpike

Waste Description: Soil, Non haz.

Location: Quantity: 22.30

Driver: R Bush Truck #: A-25

TSDF Facility: [illegible] Landfill #1 3602

Received By: [signature] Date: 12/19/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A Ld #2

WASTE MANIFEST

No. 2939

Date: 12-19-00 Time: IN 755 OUT

Generator: Lackawanna Business Park

2560 Hamburg Turnpike

NYS DEC B-0080-9

Waste Description: Non Hazardous Soil

Location: Quantity: 20.27

Driver: R Bush Truck #: A25

TSDF Facility: [illegible] Landfill #1 3602

Received By: [signature] Date: 12/19/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2940

Date: 12-19-00 Time: IN 1:40 OUT 1:?

Generator: Lackawanna Business Park
NYS DEC 8-0080-9
2560 Hamburg Turnpike

Waste Description: Non Haz Soil

Location: _____ Quantity: 23.31

Driver: R Bush Truck #: A25

TSDF Facility: Chaffee Landfill #36137

Received By: [signature] Date: 12/19/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2944

Date: 12/19/00 Time: 8:15am (3)

Generator: LACKAWANNA Business Park
NYS Dec B0080-9
2560 Hamburg Turnpike Lack N.Y.

Waste Description: Cont. Soil

Location: _____ Quantity: 17.10

Driver: DUANE WYGANT Truck #: A 38

TSDF Facility: Chaffee Landfill #36105

Received By: [signature] Date: 12/19/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2945

(9)

Date: 12/19/00 Time: 10:50 AM

Generator: LACKAWANNA Business PARK

N.Y.S Dec. B 0080-9

2560 Hamburg Turnpike Lack N.Y.

Waste Description: Dirt

Location: Quantity: 20.66

Driver: DUANE WYGANT Truck #: A 30

TSDF Facility: WM Chaffee Landfill Tr# 36105

Received By: J. Jones Date: 12/19/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2946

Date: 12/19/00 Time: 1:15 pm

Generator: LACKAWANNA Business PARK

N.Y.S DEC B0080-9

2560 Hamburg Turn Pike Lack N.Y.

Waste Description: Dirt

Location: Quantity: 22.97

Driver: DUANE WYGANT Truck #: A 30

TSDF Facility: Chaffee Landfill Tr# 36105

Received By: [illegible] Date: 12/19/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2952

Date: 12/19/00 Time:

Generator: NYS Dec B-0080-9 Load 5

Waste Description: Dirt

Location: Lackawanna Business Park Quantity: 18.89

Driver: Jim C Truck #: A-15 LCA

TSDF Facility: WM Chaffee Landfill HT 36084

Received By: S Brockfield Date: 12/19/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2953

Date: 12/19/00 Time:

Generator: NYS Dec B-0080-9 Load 11

Waste Description: Dirt

Location: Lackawanna Business Park Quantity: 20.36

Driver: Jim C Truck #: A-15 L.C.A

TSDF Facility: WM Chaffee Landfill HT 36117

Received By: S Brockfield Date: 12/19/00

Waste Management of New York, LLC
10860 Oleau Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2955

Date: 12/19/00 Time: 8:55A.M. - 9:10 A.

Generator: Lackawanna Business Park

DEC Site number 80-9

Waste
Description: Dirt

Location: Lackawanna Business Park/3560 Hamburg Turnpike Quantity: 21.37

Driver: Cecil Moore Truck #: A-28

TSDF Facility: Chaffee Landfill #3082

Received By: [signature] Date: 12/19/00

Waste Management of New York, LLC
10860 Oleau Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2956 Load #

Date: 12/19/00 Time: 11:45A.M. - 12:00 P.

Generator: Lackawanna Business Park

DEC Site number 80-9

Waste
Description: Dirt

Location: Lackawanna Business Park/3560 Hamburg Turnpike Quantity: 21.44

Driver: Cecil Moore Truck #: A-28

TSDF Facility: Chaffee Landfill #3086

Received By: [signature] Date: 12/19/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2957 Load #15

Date: 12/19/00 Time: 2:10 P.M. - 2:20 P.M.

Generator: Lackawanna Business Park
DEC Site Number 80-9

Waste Description: Dirt

Location: Lackawanna Business Park / 2560 Hamburg Turnpike Quantity: 24.59

Driver: Cecil Moore Truck #: A-28

TSDF Facility: WM Chaffee Landfill Ht 36162

Received By: S Brockus Date: 12/19/00

Waste Management of New York, LLC #1
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2966

Date: 12/19/00 Time: In 7:30 out 7:52

Generator: Lackawanna Business PARK 2560 Hamburg Turnpike
DEC 80-9

Waste Description: Soil -

Location: 2560 Hamburg Turnpike Quantity: 19.28

Driver: Tim Twichell Truck #: A-27

TSDF Facility: WM Chaffee Landfill Ht 36051

Received By: S Brockus Date: 12/19/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2968

Date: 12/19/00 Time: In 12:46 Out 12:56

Generator: Lackawanna Business Park 2560 Hamburg Trn. Pike
D.E.C 80-9

Waste Description: Non-Haz- Dirt

Location: Quantity: 24.72

Driver: T. Twichell Truck #: A-27

TSDF Facility: WM Chaffee Landfill Ht 36129

Received By: S Brodhus Date: 12/19/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A 480

WASTE MANIFEST

(7)

No. 2971

Date: 12-19-00 Time: 10:32-10:45

Generator: Lackawanna Business Project
NYS Dec B 0080-9
2560 Hamburg Turn Pike Lack. NY

Waste Description: Soil

Location: Quantity: 22.06

Driver: TOM LoBello Truck #: LCA L-40

TSDF Facility: WM Chaffee Landfill Ht 36094

Received By: S Brodhus Date: 12/19/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A 70

WASTE MANIFEST

(12)

No. 2972

Date: 12-19-00 Time: 12:30 - 12:35

Generator: Lackawanna Business Project
NYS Dec B0080-9
2560 Hamburg Turnpike Lock N.Y

Waste Description: Soil

Location: ~~[illegible]~~ Quantity: 23.35

Driver: TOM CoBello Truck #: LCA C-40

TSDF Facility: WM Chaffee Landfill #3 2023

Received By: [signature] Date: 12/19/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2975

Date: 12/19/00 Time:

Generator: NYS Dec B-0080-9 Load 16

Waste Description: Dirt

Location: Lackawanna Business Park Quantity: 23.08

Driver: Jim C Truck #: A-15 L.C.A

TSDF Facility: WM Chaffee Landfill #3 2065

Received By: [signature] Date: 12/19/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

(2)

WASTE MANIFEST

No. 2941

Date: 12-20-00 Time: IN 8:00 OUT 8:15

Generator: Lackawanna Business Park
NYS DEC. 8-0080-9

Waste Description: Non Haz Soil

Location: Quantity: 22.19

Driver: R. Bush Truck #: A25

TSDF Facility: WM Chaffee Landfill HH 36196

Received By: [signature] Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

(3)

WASTE MANIFEST

No. 2962

Date: 12/20/00 Time: 8:25 Am

Generator: LACKAWANNA Business PARK
N.Y.S DEC B0080-9
2560 Hamburg Turnpike LACK N.Y.

Waste Description:

Location: Quantity: 21.64

Driver: DUANE WYGANT Truck #: A30

TSDF Facility: WM Chaffee Landfill HH 36202

[signature] Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

10

Permit 9A

WASTE MANIFEST

No. 2963

Date: 12/21/00 Time: 10:35

Generator: LACKAWANNA Business PARK
N.Y.S DEC B0080-9
2560 Hamburg Turnpike LACK. N.Y.

Waste Description: Cont Dirt

Location: Quantity: 24.37

Driver: DUANE WYGANT Truck #: A30

TSDF Facility: WM Management Chaffee Landfill HH 316253

Received By: [signature] Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

16

Permit 9A

WASTE MANIFEST

No. 2964

Date: 12/21/00 Time: 12:45pm

Generator: LACKAWANNA Business PARK
N.Y.S DEC B0080-9
2560 Hamburg Turnpike LACK N.Y.

Waste Description: Cont Dirt

Location: Quantity: 21.89

Driver: DUANE WYGANT Truck #: A30

TSDF Facility: WM Chaffee Landfill HH 316285

Received By: [signature] Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A 70 -

WASTE MANIFEST

No. 2973

Date: 12-20-00 Time: 9:15-9:35

Generator: Lackawanna Business Project

Hamburg Turnpike Lack. NY.

Waste Description:

Location: Quantity: 21.45

Driver: TOM LoBello Truck #: LCA L-40

TSDF Facility: WM Chaffee Landfill Ht 36221

Received By: S Bidlow Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2976

Date: 12/20/00 Time:

Generator: NYS Dec B-0080-9 Load (1)

Waste Description: Dirt

Location: Lackawanna Business Park Quantity: 22.37

Driver: Jim C Truck #: A-15 L.C.A

TSDF Facility: WM Chaffee Landfill Ht 36194

Received By: S Bidlow Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2977

Date: 12/20/00 Time:

Generator: NYS Dec B-0080-9 Load (8)

Waste Description: Dirt

Location: Lackawanna Business Park Quantity: 20.61

Driver: Jim C Truck #: A-15 L.C.A

TSDF Facility: WM Chaffee Landfill HT 36246

Received By: S Brockies Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2978

14

Date: 12/20/00 Time:

Generator: NYS Dec B-0080-9

Waste Description: Dirt

Location: Lackawanna Business Park Quantity: 23.14

Driver: Jim C Truck #: A-15 L.C.A

TSDF Facility: WM Chaffee Landfill HT 36282

Received By: S Brockies Date: 12/20/00

Waste Management of New York, LLC

10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2980 load #4

Date: 12/20/00 Time: 8:50 A.M. - 9:00 A.M.

Generator: Lackawanna Business Park

DEC Site Number 80-9

Waste Description: Dirt

Location: Lackawanna Business Park/2560 Hamburg Turnpike Quantity: 19.96

Driver: Ceil Moore Truck #: A-28

TSDF Facility: Wm Chaffee Landfill Ticket # 36217

Received By: [signature] Date: 12/20/00

Waste Management of New York, LLC

10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2981 load #11

Date: 12/20/00 Time: 11:10 A.M. - 11:02 A.M.

Generator: Lackawanna Business Park

DEC Site Number 80-9

Waste Description: Dirt

Location: Lackawanna Business Park/2560 Hamburg Turnpike Quantity: 24.73

Driver: Ceil Moore Truck #: A-28

TSDF Facility: Wm Chaffee Landfill Ticket # 36263

Received By: [signature] Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2982 Load # 17

Date: 12/20/00 Time: 1:22 P.M. - 1:34 P.M.

Generator: Lackawanna Business Park

DEC Site number 80-9

Waste Description: Dirt

Location: Lackawanna Business Park / 3560 Hamburg Turnpike Quantity: 23.02

Driver: Cecil Moore Truck #: A-28

TSDF Facility: WM Chaffee Landfill TM # 31303

Received By: [signature] Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

(12)

Permit 9A 480

WASTE MANIFEST

No. 2987

Date: 12-20-00 Time: 11:15 - 11:25

Generator: Lackawanna Business Project

Hamburg Turnpike Lock. NY.

Waste Description: Soil

Location: Quantity: 25.78

Driver: TOM LoBello Truck #: LCA L-40

TSDF Facility: WM Chaffee Landfill TM # 36263

Received By: [signature] Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

(18)

Permit 9A 400

WASTE MANIFEST

No. 2988

Date: 12-20-00 Time: 1:20-1:35

Generator: Lackawana Business Project

Hamburg Turnpike Lackawana NY.

Waste Description: Soil

Location: Quantity: 25.54

Driver: TOM LoBello Truck #: LCAL-40

TSDF Facility: WM Chaffee Landfill Ht 36301

Received By: [signature] Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

6

Permit 9A

WASTE MANIFEST

No. 2990

Date: 12/20/00 Time: in 9:15 out 9:45

Generator: Lackawanna Buisness Park

NYSDEC # 80-9

Waste Description: Non Haz DIRT

Location: Rt. 16. Quantity: 19.78

Driver: Al. Price Truck #: A29

TSDF Facility: WM Chaffee Landfill Ht 36242

Received By: [signature] Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2991

Date: 12-20-00 Time: in 12:10 out 12:25

Generator: LaCkawanna Business Park
NYS DEC # 80-9

Waste
Description: Non-Haz. Dirt.
Location: Rt. 16 Quantity: 21.02
Driver: Al. Price. Truck #: A-29

TSDF Facility: Chaffee Landfill #2392
Received By: [signature] Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A 480

WASTE MANIFEST

No. 2993 1215 / 1200

Date: 12-20-2000 Time: PM IN PM OUT

Generator: STC - LaCkawanna Business Park
NYS-DEC 80.9

Waste
Description: Cont. Dirt
Location: LaCkawanna - Dona. St Quantity: 22.10
Driver: John Brooks Truck #: A27

TSDF Facility: Chaffee Landfill #2376
Received By: [signature] Date: 12/20/00

Waste Management of New York, LLC

10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2994

19

Date: 12-20-2000 Time: IN PM 2:20 OUT 2:45 PM

Generator: LACKAWANNA BUSINESS PARK

N.Y.S. DEC 80.9

Waste Description: CONT DIRT

Location: LACKAWANNA - DONA ST. Quantity: 22.01

Driver: John Brooks Truck #: A27

TSDF Facility: [illegible] #3331

Received By: [signature] Date: 12/20/00

Waste Management of New York, LLC

10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 3166

19

Date: 12-20-00 Time: IN 9:55 OUT 10:15

Generator: Lackawanna Business Park

NYS DEC B-0080-9

2560 Hamburg Turnpike Lack NY.

Waste Description: Non Haz Soil

Location: Quantity: 23.20

Driver: R Bush Truck #: A25

TSDF Facility: [illegible] #3328

Received By: [signature] Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 3167

15

Date: 12-20-00 Time: IN 12:30 OUT 12:55

Generator: Lackawanna Business Park
NYS. DEC B-0080-9
2560 Hamburg Turnpike Lack, NY

Waste Description: Non Haz Soil

Location: Quantity: 22.35

Driver: R Bush Truck #: A25

TSDF Facility: WM Chaffee Landfill Ht 36281

Received By: S Brockus Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A 480

WASTE MANIFEST

No. 3191

Date: 12/20/00 Time: 9:20 IN AM 9:55 OUT AM

Generator: Lackawanna Business Park
NYSDEC 80-9

Waste Description: non Haz Dirt

Location: DONA ST LACKAWANNA Quantity: 21.22

Driver: John Brooks Truck #: A-27

TSDF Facility: WM Chaffee Landfill Ht 36241

Received By: S Brockus Date: 12/20/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2958

Date: 12-21-00 Time: in 10:39 out 10:45 A.M.

Generator: Lackawanna Business
N.Y.S. D.E.C. B-0080-9
2560 Hamburg Turnpike Lackawanna

Waste
Description: Non Haz Soil

Location: (15) Quantity: 20.10

Driver: Al. Price Truck #: A-29

TSDF Facility: BFI Chaffee Landfill TF 30470

Received By: [signature] Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2959

Date: 12-21-00 Time: in 12:50 out 1:45

Generator: Lackawanna Business
N.Y.S. D.E.C. B-0080-9
2560 Hamburg Turnpike Lack. N.Y.

Waste
Description: Non Haz Soil (20)

Location: Quantity: 20.37

Driver: Al. Price Truck #: A-29

TSDF Facility: BFI Chaffee Landfill TF 30470

Received By: [signature] Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

3

WASTE MANIFEST

No. 2965

Date: 12/21/00 Time: 7:30 AM

Generator: LACKAWANNA BUSINESS PARK
N.Y.S. DEC B0080-9
2560 Hamburg Turnpike LACK. N.Y.

Waste Description: Non Cont Soil

Location: Quantity: 21.82

Driver: DUANE WYGANT Truck #: A30

TSDF Facility: WM Chaffee Landfill HT 36356

Received By: S Brocious Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A 480

1

1

WASTE MANIFEST

No. 2974

Date: 12-21-00 Time: 7:00 - 7:20

Generator: Lackawanna Business Project
NYS Dec B-0080-9
2560 Hamburg Turnpike Lack, NY

Waste Description: Soil

Location: Quantity: 25.44

Driver: Tom Fopello Truck #: LCAC-40

TSDF Facility: WM Chaffee Landfill HT 36349

Received By: S Brocious Date: 12/21/00

Waste Management of New York, LLC (4)
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2979

745 AM 8:AM

Date: 12-21-2000 Time: IN OUT

Generator: LACKAWANNA BUSINESS PARK
NYS DEC - B00-80.9
2560 HAMBURG PK - LACK NY

Waste Description: NON HAZ SOIL

Location: DONA ST - LACKAWANNA NY Quantity: 20.89

Driver: John Brooks Truck #: AT5

TSDF Facility: WM Chaffee Landfill HH 363363

Received By: Brockris Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

(5)

WASTE MANIFEST

No. 2983

Date: 12-21-00 Time: 7:56AM TO 8:10AM

Generator: LACKAWANNA BUSINESS
NYS DEC. B-0080-9
2560 HAMBURG TURNPIKE LACK, NY.

Waste Description: NON HAZ SOIL

Location: Quantity: 22.44

Driver: James Mayer Truck #: A-28

TSDF Facility: WM Chaffee Landfill HH 363366

Received By: Brockris Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2984

(17)

Date: 12-21-00 Time: 10:2[illegible]AM To 10:35 AM

Generator: LACKAWANNA BUSINESS
NYS D.E.C. B-0080-9
2560 HAMBURG TURNPIKE

Waste
Description: NON HAZ SOIL

Location: _____ Quantity: 23.16

Driver: [signature] Truck #: A-28

TSDF Facility: WM Chaffee Landfill #30408

Received By: [signature] Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2985

18

Date: 12-21-00 Time: 12:35 PM to 1:32 PM

Generator: LACKAWANNA BUSINESS
NYS D.E.C. B-0080-9
2560 HAMBURG TURNPIKE LACK NY

Waste
Description: NON HAZ SOIL

Location: _____ Quantity: 20.73

Driver: [signature] Truck #: A-28

TSDF Facility: WM Chaffee Landfill

Received By: Denise Bell Date: 12/21/00

Waste Management of New York, LLC

10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A 7 1-

WASTE MANIFEST

No. 2989

Date: 12-21-00 Time: 9:10 - 9:30

Generator: Lackawanna Business Project
NYS Dec B-00809
2560 Hamburg Turnpike Lack NY.

Waste Description: Soil

Location: _____ Quantity: 24.05

Driver: Tom LoDello Truck #: LCA L-40

TSDF Facility: Modern Landfill #H 36384

Received By: _____ Date: 12/21/00

Waste Management of New York, LLC

10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 2992

in out
8:10 8:20

Date: 12-21-00 Time: _____

Generator: LACKWANNA BUISNESS PARK
NYS D-EC B-00809 LACK NY.
2560 Hamburg Turnpike LACK NY

Waste Description: Non Haz Dirt

Location: _____ Quantity: 19.80

Driver: _____ Truck #: A-29

TSDF Facility: Modern Landfill #H 36370

Received By: _____ Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A 480

WASTE MANIFEST

No. 3002

(15)

Date: 12-21-00 Time: 11:15-11:30

Generator: Lackawanna Business Project
NYS Dec B-0080-9
2560 Hamburg Turnpike Lack NY

Waste Description: Soil

Location: Quantity: 23.96

Driver: Tom LoBello Truck #: LCA-L-40

TSDF Facility: Chaffee Landfill #36449

Received By: Brenda Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A 480

WASTE MANIFEST

No. 3003

(22)

Date: 12-21-00 Time: 1:15-2:15

Generator: Lackawanna Business Project.
NYS DEC B-0080-9
2560 Hamburg Turnpike Lack N.Y.

Waste Description: Soil

Location: Quantity: 18.19

Driver: Tom LoRello Truck #: LCA C-40

TSDF Facility: Chaffee Landfill #36473

Received By: Brenda Date: 12/21/00

10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

10

WASTE MANIFEST

No. 3009

Date: 12/21/00 Time: 9:46

Generator: LACKAWANNA Business Park

N.Y.S DEC B0080-9

2560 Hamburg Turnpike Lack. N.Y.

Waste
Description: Non HAZ DirT

Location: Quantity: 20.17

Driver: DUANE WYGANT Truck #: A 30

TSDF Facility: Chaffee Landfill #3039

Received By: Date: 12/21/00

Waste Management of New York, LLC

10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

17

Permit 9A

WASTE MANIFEST

No. 3010

Date: 12/21/00 Time: 11:19 AM

Generator: LACKAWANNA Business PARK

N.Y.S DEC B0080-9

2560 Hamburg Turnpike LACK N.Y.

Waste
Description: Non HAZ Dirt

Location: Quantity: 21.85

Driver: DUANE WYGANT Truck #: A 30

TSDF Facility: Chaffee Landfill #3039

Received By: Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 3168

Date: 12-21-00 Time: IN 715 OUT 735

Generator: Lackawanna Business Park
NYS. DEC. B-0080-9
2560 Hamburg Turnpike Lack, NY

Waste
Description: Non Haz Soil

Location: Quantity: 22.74

Driver: R. Bush Truck #: A25

TSDF Facility: [illegible] Landfill #E 36355

Received By: [illegible] Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

(9)

Permit 9A

WASTE MANIFEST

No. 3169

Date: 12-21-00 Time: IN 925 OUT 945

Generator: Lackawanna Business Park
NYS. D.E.C. B-0080-9
2560 Hamburg Turnpike Lack, NY

Waste
Description: Non Haz Soil

Location: Quantity: 22.75

Driver: R Bush Truck #: A25

TSDF Facility: [illegible] Landfill #E 36392

Received By: [illegible] Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

(6)

Permit 9A.

WASTE MANIFEST

No. 3170

Date: 12-21-00 Time: IN 1145 OUT 12

Generator: Lackawanna Business Park
NYS D.E.C. B-0080-9
2560 Hamburg Turnpike

Waste
Description: Non Haz Soil

Location: _____ Quantity: 22.41

Driver: R. Bush Truck #: A25

TSDF Facility: CWM Chaffee Landfill #3425

Received By: [signature] Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

(7)

Permit 9A.

WASTE MANIFEST

No. 3192

Date: 12/21/00 Time: IN 8:32 / OUT 8:47

Generator: Lackawanna Business Park.
D.E.C 80-9 2560 Hamburg Turnpike.

Waste
Description: Non Haz - dirt

Location: _____ Quantity: 24.58

Driver: Tim T. Truck #: A-27

TSDF Facility: CWM Chaffee Landfill #3634

Received By: [signature] Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 3171

23

Date: 12-21-00 Time: IN 1:45 OUT 2:45

Generator: Lackawanna Business Park
NYS. D.E.C. B-0080-9
2650 Hamburg Turnpike Lack, NY.

Waste Description: Non Haz Soil

Location: Quantity: 21.30

Driver: R Bush Truck #: A25

TSDF Facility: WM Chaffee Landfill HH 36477

Received By: [signature] Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 3193

14

Date: 12/21/00 Time: In 11:08 OUT 11:23

Generator: Lackawanna Business PArk. 2560 Hamburg Tm pike
D.E.C 80-9

Waste Description: Non-Haz Soil

Location: Lackawanna Business PArk- Quantity: 24.34

Driver: TimT Truck #: A-27

TSDF Facility: WM Chaffee Landfill HH 36414

Received By: [signature] Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 3194

(21)

Date: 12/21/00 Time: In: 1:10 Out: 2:00

Generator: Lackawanna Business Park.
D.E.C. 80-9

Waste Description: None Haz - Soil

Location: 2560 Hamburg Turnpike Quantity: 20.91

Driver: Tim T Truck #: A-27

TSDF Facility: W.M. Chaffee Landfill HH 3647

Received By: [signature] Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 3195

(11)

Date: 12-21-2000 Time: 9:50 AM In 10:05 AM Out

Generator: LACKAWANNA BUSINESS PARK
NYS. Bar. 809
2560 HAMBURG TURN PIKE - LACKAWANNA NY

Waste Description: NON HAZ. SOIL

Location: DONA STREET - LACKAWANNA NY Quantity: 23.25

Driver: John Brooks Truck #: A 14

TSDF Facility: W.M. Chaffee Landfill HH 3643

Received By: [signature] Date: 12/21/00

Waste Management of New York, LLC

10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST

No. 3196

Date: 12-21-2000 Time: IN 12:15 PM OUT 1:20 PM

Generator: LACKAWANNA BUSINESS PARK
NY DEC R00 80 9
2560 HAMBURG TURNPIKE - LACKAWANNA NY

Waste Description: NON HAZ. SOIL

Location: DONA ST - LACKAWANNA NY Quantity: 22.36

Driver: John Brooks Truck #: A-5

TSDF Facility: WM Chaffee Landfill

Received By: Keene Bell Date: 12/21/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST
No. 3161 load # (3)

Date: 12/26/00 Time: 2:00 P.M. - 2:35 P.M.

Generator: Lackawanna Business Park
DEC Site number 80-9

Waste
Description: Dirt

Location: Lackawanna Business Park / 2650 Hamburg Turnpike Quantity: 23.22

Driver: Neil Moore Truck #: LCA # 36

TSDF Facility: Chaffee Landfill #2100

Received By: [signature] Date: 12/26/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST
No. 3189

Date: 12-26-00 Time: IN 11:50 OUT 12:20

Generator: Lackawanna Business Park
NYS DEC. B-0080-9
2650 Hamburg Turnpike Lack, NY

Waste
Description: Non Haz Soil

Location: Quantity: 17.53

Driver: R. Bush Truck #: A25

TSDF Facility: Chaffee Landfill #2100

12/26/00

Waste Management of New York, LLC
10860 Olean Road
Chaffee, New York 14030-9799
(716) 496-5000

Permit 9A

WASTE MANIFEST
No. 3190

Date: 12-26-00 Time: IN 920 OUT 1000

Generator: Lackawanna Business Park
NYS. D.E.C. B-0080-9.
2650 Hamburg Turnpike Lack, NY

Waste
Description: Non Haz. Soil

Location: Quantity: 18.03

Driver: R. Bish Truck #: A25

TSDF Facility: [illegible] # 31633

Received By: [illegible] Date: 12/26/00

APPENDIX E

BACKFILL MATERIAL VERIFICATION

Pine Hill
Materials Corp.

December 12, 2000

SLC Environmental Services
295 Mill Street
Lockport, New York 14094

Re: Remedial excavation and debris removal @ Lackawana Business Park DEC site # B-00080-9

Attn: Scott Pfohl

The backfill for the above mentioned project will be clean virgin soil and will contain no contaminates whatsoever.

Sincerely,

Pine Hill Materials Corp.
Paul D. Warner
Paul D. Warner
Sand and Gravel Sales

2255 Bailey Avenue • Buffalo, NY 14211-1798
Phone: (716) 894-2253 • Fax: (716) 894-6572

gge

a member of the GLYNN GROUP

Grain Size Analysis
ASTM D-422

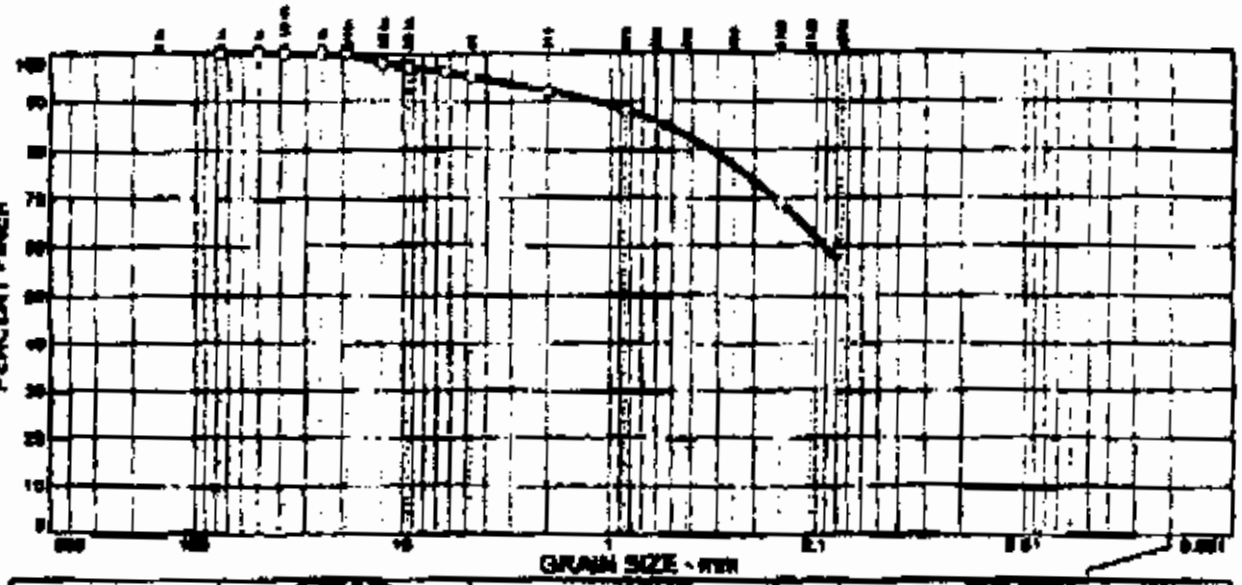
Project: Materials Testing

Project No.: 00-1002

Client: Pine Hill Materials

Sample No: 00-15 **Source of Sample:**
Location: Compactable fill - North Genesee East

Date: 3/14/00
Elev./Depth: Stockpile



% COBBLES	% GRAVEL		% SAND		% FINES	
	COARSE	FINE	COARSE	FINE	SILT	CLAY
0	0	3	3	27	36	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)

* (no specification provided)

Soil Description

Sandy silt

Atterberg Limits

PL= LL= PI=

Coefficients

D_{90}= 0.517 D_{30}= C_c= D_{60}= 0.0920 D_{15}= C_u= D_{50}= D_{10}=

Classification

USCS= ML AASHTO=

Remarks

GLYNN GEOTECHNICAL ENGINEERING
415 South Transit Street, Lockport, New York 14094
voice: 716.625.4933 / fax: 716.625.9985
www.glynngeo.com

Reviewed by

Civil • Structural • Geotechnical • Materials Testing • Consulting

DATE: 02/21/00

Upstate Laboratories, Inc.
Analysis Results
Report Number: 04000023
Client I.D.: SJB SERVICES, INC.
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170

TOPSOIL TESTING
SHISLER ROAD EAST 1015E 02/09/00 C

ULI I.D.: 04000023 Matrix: Soil

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILES
Percent Solids	92%	02/17/00		WC9197
Total Arsenic by furnace method	1.7mg/kg dw	02/16/00		MB2000
Total Barium	<31mg/kg dw	02/16/00		MB2005
Total Cadmium	3.1mg/kg dw	02/16/00		MB2005
Total Chromium	12mg/kg dw	02/16/00		MB2005
Total Copper	11.2mg/kg dw	02/16/00		MB2005
Total Lead	<11mg/kg dw	02/16/00		MB2005
Total Mercury	<0.21mg/kg dw	02/14/00		MB1985
Total Selenium by furnace method	<0.11mg/kg	02/16/00		MB2004
Total Silver	<5.4mg/kg dw	02/16/00		MB2005
Total Tins	54mg/kg dw	02/16/00		MB2005
TCL volatiles by EPA Method 8260				
Chloromethane	<3ug/kg dw	02/11/00		VM2788
Bromomethane	<3ug/kg dw	02/11/00		VM2788
Vinyl Chloride	<2ug/kg dw	02/11/00		VM2788
Chloroethane	<3ug/kg dw	02/11/00		VM2788
Methylene Chloride	9ug/kg dw	02/11/00	44	VM2788
Acetone	20ug/kg dw	02/11/00	44	VM2788
Carbon Disulfide	<1ug/kg dw	02/11/00		VM2788
1,1-Dichloroethene	<3ug/kg dw	02/11/00		VM2788
1,1-Dichloroethane	<3ug/kg dw	02/11/00		VM2788
trans-1,2-Dichloroethene	<3ug/kg dw	02/11/00		VM2788
cis-1,2-Dichloroethene	<1ug/kg dw	02/11/00		VM2788
Chloroform	<3ug/kg dw	02/11/00		VM2788
1,2-Dichloroethane	<3ug/kg dw	02/11/00		VM2788
2-Butanone	<10ug/kg dw	02/11/00		VM2788
1,1,1-Trichloroethane	<1ug/kg dw	02/11/00		VM2788
Carbon Tetrachloride	<1ug/kg dw	02/11/00		VM2788
Bromodichloromethane	<3ug/kg dw	02/11/00		VM2788
1,2-Dichloropropane	<3ug/kg dw	02/11/00		VM2788
cis-1,3-Dichloropropene	<1ug/kg dw	02/11/00		VM2788
Trichloroethene	<3ug/kg dw	02/11/00		VM2788
Dibromochloromethane	<3ug/kg dw	02/11/00		VM2788
1,1,2-Trichloroethane	<3ug/kg dw	02/11/00		VM2788
Benzene	<1ug/kg dw	02/11/00		VM2788
trans-1,3-Dichloropropene	<3ug/kg dw	02/11/00		VM2788
Bromoform	<3ug/kg dw	02/11/00		VM2788
4-Methyl-2-pentanone	<10ug/kg dw	02/11/00		VM2788
2-Hexanone	<10ug/kg dw	02/11/00		VM2788

dw = Dry weight

DATE: / /

Upstate Laboratories, Inc.
Analysis Results
Report Number: 04000021
Client I.D.: NJB SERVICES, INC.

APPROVAL: _ _ _ _
QC: _ _ _ _ _ _
Lab I.D.: 10270
Sampled by: client

ID:04000023 Mat:Soil TOPSOIL TESTING SKISLER ROAD EAST 1015N 02/08/00 C

	PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
	Percent Solids	92%	02/17/00		WC5197
Total	Arsenic by furnace method	1.7mg/kg dw	02/16/00		MB2000
Total	Barium	<33mg/kg dw	02/16/00		MB2005
Total	Cadmium	2.1mg/kg dw	02/16/00		MB2005
Total	Chromium	12mg/kg dw	02/16/00		MB2005
Total	Copper	11.0mg/kg dw	02/16/00		MB2005
Total	Lead	<11mg/kg dw	02/16/00		MB2005
Total	Mercury	<0.22mg/kg dw	02/14/00		MB1995
Total	Selenium by furnace method	<0.11mg/kg	02/16/00		MB2004
Total	Silver	<5.4mg/kg dw	02/16/00		MB2005
Total	Zinc	54mg/kg dw	02/16/00		MB2005
	TCL Volatiles by EPA Method 8260				
	Chloromethane	<3ug/kg dw.	02/11/00		VM2780
	Bromomethane	<3ug/kg dw	02/11/00		VM2780
	Vinyl Chloride	<3ug/kg dw	02/11/00		VM2780
	Chloroethane	<3ug/kg dw	02/11/00		VM2780
	Methylene Chloride	9ug/kg dw	02/11/00	44	VM2780
	Acetone	20ug/kg dw	02/11/00	44	VM2780
	Carbon Disulfide	<3ug/kg dw	02/11/00		VM2780
	1,1-Dichloroethane	<3ug/kg dw	02/11/00		VM2780
	1,1-Dichloroethane	<3ug/kg dw	02/11/00		VM2780
	trans-1,2-Dichloroethene	<3ug/kg dw	02/11/00		VM2780
	cis-1,2-Dichloroethene	<3ug/kg dw	02/11/00		VM2780
	Chloroform	<3ug/kg dw	02/11/00		VM2780
	1,2-Dichloroethane	<3ug/kg dw	02/11/00		VM2780
	2-Butanone	<10ug/kg dw	02/11/00		VM2780
	1,1,1-Trichloroethane	<3ug/kg dw	02/11/00		VM2780
	Carbon Tetrachloride	<3ug/kg dw	02/11/00		VM2780
	Bromodichloromethane	<3ug/kg dw	02/11/00		VM2780
	1,2-Dichloropropane	<3ug/kg dw	02/11/00		VM2780
	cis-1,3-Dichloropropene	<3ug/kg dw	02/11/00		VM2780
	Trichloroethane	<3ug/kg dw	02/11/00		VM2780
	Dibromochloromethane	<3ug/kg dw	02/11/00		VM2780
	1,1,2-Trichloroethane	<3ug/kg dw	02/11/00		VM2780
	Benzene	<3ug/kg dw	02/11/00		VM2780
	trans-1,3-Dichloropropene	<3ug/kg dw	02/11/00		VM2780
	Bromoform	<3ug/kg dw	02/11/00		VM2780
	4-Methyl-2-pentanone	<10ug/kg dw	02/11/00		VM2780
	2-Hexanone	<10ug/kg dw	02/11/00		VM2780
	Tetrachloroethene	<3ug/kg dw	02/11/00		VM2780
	1,1,2,2-Tetrachloroethane	<3ug/kg dw	02/11/00		VM2780
	Toluene	<3ug/kg dw	02/11/00		VM2780
	Chlorobenzene	<3ug/kg dw	02/11/00		VM2780

dw = Dry weight

DATE: 02/11/00

Upstate Laboratories, Inc.
Analysis Results
Report Number: 04000023
Client I.D.: SJB SERVICES, INC. TOPSOIL TESTING
Sampled by: Client 8HISLER ROAD EAST 10150 02/08/00 C

APPROVAL
QC:
Lab I.D.: 10170

ULI I.D.: 04000023 Matrix: Soil

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILES
Tetrachloroethene	<3ug/kg dw	02/11/00		VM2788
1,1,2,2-Tetrachloroethane	<3ug/kg dw	02/11/00		VM2788
Toluene	<3ug/kg dw	02/11/00		VM2788
Chlorobenzene	<3ug/kg dw	02/11/00		VM2788
Ethylbenzene	<3ug/kg dw	02/11/00		VM2788
Styrene	<3ug/kg dw	02/11/00		VM2788
m-Xylene and p-Xylene	<3ug/kg dw	02/11/00		VM2788
o-Xylene	<3ug/kg dw	02/11/00		VM2788
TCL Semivolatiles by EPA Method 8270				
Phenol	<360ug/kg dw	02/15/00		SA2306
bis(2-Chloroethyl)ether	<360ug/kg dw	02/15/00		SA2306
2-Chlorophenol	<360ug/kg dw	02/15/00		SA2306
1,3-Dichlorobenzene	<360ug/kg dw	02/15/00		SA2306
1,4-Dichlorobenzene	<360ug/kg dw	02/15/00		SA2306
1,2-Dichlorobenzene	<360ug/kg dw	02/15/00		SA2306
2-Methylphenol	<360ug/kg dw	02/15/00		SA2306
2,2'-Oxybis(1-Chloropropane)	<360ug/kg dw	02/15/00		SA2306
4-Methylphenol	<360ug/kg dw	02/15/00		SA2306
n-Nitrosodi-n-propylamine	<360ug/kg dw	02/15/00		SA2306
Hexachloroethane	<360ug/kg dw	02/15/00		SA2306
Nitrobenzene	<360ug/kg dw	02/15/00		SA2306
Isophorone	<360ug/kg dw	02/15/00		SA2306
2-Nitrophenol	<360ug/kg dw	02/15/00		SA2306
2,4-Dimethylphenol	<360ug/kg dw	02/15/00		SA2306
bis(2-Chloroethoxy)methane	<360ug/kg dw	02/15/00		SA2306
2,4-Dichlorophenol	<360ug/kg dw	02/15/00		SA2306
1,2,4-Trichlorobenzene	<360ug/kg dw	02/15/00		SA2306
Naphthalene	<360ug/kg dw	02/15/00		SA2306
4-Chloroaniline	<360ug/kg dw	02/15/00		SA2306
Hexachlorobutadiene	<360ug/kg dw	02/15/00		SA2306
4-Chloro-3-methylphenol	<360ug/kg dw	02/15/00		SA2306
2-Methylnaphthalene	<360ug/kg dw	02/15/00		SA2306
Hexachlorocyclopentadiene	<360ug/kg dw	02/15/00		SA2306
2,4,6-Trichlorophenol	<360ug/kg dw	02/15/00		SA2306
2,4,5-Trichlorophenol	<360ug/kg dw	02/15/00		SA2306
2-Chloronaphthalene	<360ug/kg dw	02/15/00		SA2306
2-Nitroaniline	<1500ug/kg dw	02/15/00		SA2306
Dimethylphthalate	<360ug/kg dw	02/15/00		SA2306
Acenaphthylene	<360ug/kg dw	02/15/00		SA2306

dw = Dry weight

DATE: / /

Upstate Laboratories, Inc
Analysis Results
Report Number: 04000023
Client I.D.: SJB SERVICES, INC.

APPROVAL:
QC:
Lab I.D.: 10170
Sampled by: Client

ID:04000023 Mat:Soil TOPSOIL TESTING SHISLER ROAD EAST 10158 02/08/00 C

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
4-Chlorophenylphenylether	<360ug/kg dw	02/15/00		SA2306
Fluorene	<360ug/kg dw	02/15/00		SA2306
4-Nitroaniline	<3600ug/kg dw	02/15/00		SA2306
2-Methyl-4,6-dinitrophenol	<3600ug/kg dw	02/15/00		SA2306
n-Nitrosodiphenylamine	<360ug/kg dw	02/15/00		SA2306
4-Bromophenylphenylether	<360ug/kg dw	02/15/00		SA2306
Hexachlorobenzene	<360ug/kg dw	02/15/00		SA2306
Pentachlorophenol	730ug/kg dw	02/15/00		SA2306
Phenanthrene	<360ug/kg dw	02/15/00		SA2306
Anthracene	<360ug/kg dw	02/15/00		SA2306
Carbazole	<360ug/kg dw	02/15/00		SA2306
di-n-butylphthalate	<360ug/kg dw	02/15/00		SA2306
Fluoranthene	<360ug/kg dw	02/15/00		SA2306
Pyrene	<360ug/kg dw	02/15/00		SA2306
Butylbenzylphthalate	<360ug/kg dw	02/15/00		SA2306
3,3'-Dichlorobenzidine	<360ug/kg dw	02/15/00		SA2306
Benzo(a)anthracene	<360ug/kg dw	02/15/00		SA2306
Chrysene	<360ug/kg dw	02/15/00		SA2306
bis(2-Ethylhexyl)phthalate	<360ug/kg dw	02/15/00		SA2306
di-n-octylphthalate	<360ug/kg dw	02/15/00		SA2306
Benzo(b)fluoranthene	<360ug/kg dw	02/15/00		SA2306
Benzo(k)fluoranthene	<360ug/kg dw	02/15/00		SA2306
Benzo(a)pyrene	<360ug/kg dw	02/15/00		SA2306
Indeno(1,2,3-cd)pyrene	<360ug/kg dw	02/15/00		SA2306
Dibenzo(a,h)anthracene	<360ug/kg dw	02/15/00		SA2306
Benzo(ghi)perylene	<360ug/kg dw	02/15/00		SA2306

TCL Pesticides/Aroclors by EPA 8080

BHC (a-isomer)	<1.8ug/kg dw	02/17/00		PA5552
BHC (b-isomer)	<1.8ug/kg dw	02/17/00		PA5552
BHC (d-isomer)	<1.8ug/kg dw	02/17/00		PA5552
BHC (g-isomer)	<1.8ug/kg dw	02/17/00		PA5552
Heptachlor	<1.8ug/kg dw	02/17/00		PA5552
Aldrin	<1.8ug/kg dw	02/17/00		PA5552
Heptachlor Epoxide	<1.8ug/kg dw	02/17/00		PA5552
Endosulfan I	<1.8ug/kg dw	02/17/00		PA5552
Dieldrin	<3.6ug/kg dw	02/17/00		PA5552
4,4'-DDE	<3.6ug/kg dw	02/17/00		PA5552
Endrin	<3.6ug/kg dw	02/17/00		PA5552
Endosulfan II	<3.6ug/kg dw	02/17/00		PA5552
4,4'-DDD	<3.6ug/kg dw	02/17/00		PA5552
Endosulfan Sulfate	<3.6ug/kg dw	02/17/00		PA5552
4,4'-DDT	<3.6ug/kg dw	02/17/00		PA5552
Methoxychlor	<18ug/kg dw	02/17/00		PA5552

dw - Dry weight

DATE: / /

Upstate Laboratories, Inc.
Analysis Results
Report Number: 04000023
Client I.D.: SJB SERVICES, INC.

APPROVAL:
QC:
Lab I.D.: 10170
Sampled by: Client

ID:04000023 Mat:Soil TOPSOIL TESTING SHISLER ROAD EAST 101SH 02/08/00 C

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
Ethylbenzene	<3ug/kg dw	02/11/00		VH2788
Styrene	<3ug/kg dw	02/11/00		VH2788
m-Xylene and p-Xylene	<3ug/kg dw	02/11/00		VH2788
o-Xylene	<3ug/kg dw	02/11/00		VH2788
TCL Semivolatiles by EPA Method 8270				
Phenol	<360ug/kg dw	02/15/00		SA2306
bis(2-Chloroethyl)ether	<360ug/kg dw	02/15/00		SA2306
2-Chlorophenol	<360ug/kg dw	02/15/00		SA2306
1,3-Dichlorobenzene	<360ug/kg dw	02/15/00		SA2306
1,4-Dichlorobenzene	<360ug/kg dw	02/15/00		SA2306
1,2-Dichlorobenzene	<360ug/kg dw	02/15/00		SA2306
2-Methylphenol	<360ug/kg dw	02/15/00		SA2306
2,2'-Oxybis(1-Chloropropane)	<360ug/kg dw	02/15/00		SA2306
4-Methylphenol	<360ug/kg dw	02/15/00		SA2306
n-Nitrosodi-n-propylamine	<360ug/kg dw	02/15/00		SA2306
Hexachloroethane	<360ug/kg dw	02/15/00		SA2306
Nitrobenzene	<360ug/kg dw	02/15/00		SA2306
Isophorone	<360ug/kg dw	02/15/00		SA2306
2-Nitrophenol	<360ug/kg dw	02/15/00		SA2306
2,4-Dimethylphenol	<360ug/kg dw	02/15/00		SA2306
bis(2-Chloroethoxy)methane	<360ug/kg dw	02/15/00		SA2306
2,4-Dichlorophenol	<360ug/kg dw	02/15/00		SA2306
1,2,4-Trichlorobenzene	<360ug/kg dw	02/15/00		SA2306
Naphthalene	<360ug/kg dw	02/15/00		SA2306
4-Chloroaniline	<360ug/kg dw	02/15/00		SA2306
Hexachlorobutadiene	<360ug/kg dw	02/15/00		SA2306
4-Chloro-3-methylphenol	<360ug/kg dw	02/15/00		SA2306
2-Methylnaphthalene	<360ug/kg dw	02/15/00		SA2306
Hexachlorocyclopentadiene	<360ug/kg dw	02/15/00		SA2306
2,4,6-Trichlorophenol	<360ug/kg dw	02/15/00		SA2306
2,4,5-Trichlorophenol	<360ug/kg dw	02/15/00		SA2306
2-Chloronaphthalene	<360ug/kg dw	02/15/00		SA2306
2-Nitroaniline	<3600ug/kg dw	02/15/00		SA2306
Dimethylphthalate	<360ug/kg dw	02/15/00		SA2306
Acenaphthylene	<360ug/kg dw	02/15/00		SA2306
2,6-Dinitrotoluene	<360ug/kg dw	02/15/00		SA2306
3-Nitroaniline	<3600ug/kg dw	02/15/00		SA2306
Acenaphthene	<360ug/kg dw	02/15/00		SA2306
2,4-Dinitrophenol	<3600ug/kg dw	02/15/00		SA2306
4-Nitrophenol	<3600ug/kg dw	02/15/00		SA2306
Dibenzofuran	<360ug/kg dw	02/15/00		SA2306
2,4-Dinitrotoluene	<360ug/kg dw	02/15/00		SA2306
Diethylphthalate	<360ug/kg dw	02/15/00		SA2306

dw = Dry weight

DATE: / /

Upstate Laboratories, Inc.
Analysis Results
Report Number: 04000023
Client I.D.: SJB SERVICES, INC.

APPROVAL: _ _ _ _
QC: _ _ _ _ _ _ _ _
Lab I.D.: 10130
Sampled by: client

ID:04000023 Mat:Soil TOPSOIL TESTING SHISLER ROAD EAST 1015H 02/08/00 C

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
Endrin Ketone	<3.6ug/kg dw	02/17/00		PA5552
Endrin Aldehyde	<3.6ug/kg dw	02/17/00		PA5552
alpha-Chlordane	<1.8ug/kg dw	02/17/00		PA5552
gamma-Chlordane	<1.8ug/kg dw	02/17/00		PA5552
Toxaphene	<185ug/kg dw	02/17/00		PA5552
Aroclor 1016	<1.8ug/kg dw	02/17/00		PA5552
Aroclor 1221	<1.8ug/kg dw	02/17/00		PA5552
Aroclor 1232	<1.8ug/kg dw	02/17/00		PA5552
Aroclor 1242	<1.8ug/kg dw	02/17/00		PA5552
Aroclor 1248	<1.8ug/kg dw	02/17/00		PA5552
Aroclor 1254	<1.8ug/kg dw	02/17/00		PA5552
Aroclor 1260	<1.8ug/kg dw	02/17/00		PA5552

dw = Dry weight

DATE: 02/21/00

Upstate Laboratories, Inc.
Analysis Results
Report Number: 04000023
Client I.D.: SJB SERVICES, INC.
Sampled by: Client

APPROVAL: [signature]
QC: [signature]
Lab I.D.: 10170

TOPSOIL TESTING
SHISLER ROAD EAST 1015N 02/08/00 C

ULT I.D.: 04000023 Matrix: Soil

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
2,6-Dinitrotoluene	<360ug/kg dw	02/15/00		SA2306
3-Nitroaniline	<3600ug/kg dw	02/15/00		SA2306
Acenaphthene	<360ug/kg dw	02/15/00		SA2306
2,4-Dinitrophenol	<3600ug/kg dw	02/15/00		SA2306
4-Nitrophenol	<3600ug/kg dw	02/15/00		SA2306
Dibenzofuran	<360ug/kg dw	02/15/00		SA2306
2,4-Dinitrotoluene	<360ug/kg dw	02/15/00		SA2306
Diethylphthalate	<360ug/kg dw	02/15/00		SA2306
4-Chlorophenylphenylether	<360ug/kg dw	02/15/00		SA2306
Fluorene	<360ug/kg dw	02/15/00		SA2306
4-Nitroaniline	<3600ug/kg dw	02/15/00		SA2306
2-Methyl-4,6-dinitrophenol	<3600ug/kg dw	02/15/00		SA2306
n-Nitrosodiphenylamine	<360ug/kg dw	02/15/00		SA2306
4-Bromophenylphenylether	<360ug/kg dw	02/15/00		SA2306
Hexachlorobenzene	<360ug/kg dw	02/15/00		SA2306
Pentachlorophenol	730ug/kg dw	02/15/00		SA2306
Phenanthrene	<360ug/kg dw	02/15/00		SA2306
Anthracene	<360ug/kg dw	02/15/00		SA2306
Carbazole	<360ug/kg dw	02/15/00		SA2306
di-n-butylphthalate	<360ug/kg dw	02/15/00		SA2306
Fluoranthene	<360ug/kg dw	02/15/00		SA2306
Pyrene	<360ug/kg dw	02/15/00		SA2306
Butylbenzylphthalate	<360ug/kg dw	02/15/00		SA2306
3,3'-Dichlorobenzidine	<360ug/kg dw	02/15/00		SA2306
Benzo(a)anthracene	<360ug/kg dw	02/15/00		SA2306
Chrysene	<360ug/kg dw	02/15/00		SA2306
bis(2-Ethylhexyl)phthalate	<360ug/kg dw	02/15/00		SA2306
di-n-octylphthalate	<360ug/kg dw	02/15/00		SA2306
Benzo(b)fluoranthene	<360ug/kg dw	02/15/00		SA2306
Benzo(k)fluoranthene	<360ug/kg dw	02/15/00		SA2306
Benzo(a)pyrene	<360ug/kg dw	02/15/00		SA2306
Indeno(1,2,3-cd)pyrene	<360ug/kg dw	02/15/00		SA2306
Dibenzo(a,h)anthracene	<360ug/kg dw	02/15/00		SA2306
Benzo(ghi)perylene	<360ug/kg dw	02/15/00		SA2306

TCL Pesticides/Aroclors by EPA 8080

BHC (a-isomer)	<1.8ug/kg dw	02/17/00		PA5552
BHC (b-isomer)	<1.8ug/kg dw	02/17/00		PA5552
BHC (d-isomer)	<1.8ug/kg dw	02/17/00		PA5552
BHC (g-isomer)	<1.8ug/kg dw	02/17/00		PA5552

dw = Dry weight

KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2 MATRIX INTERFERENCE
3 PRESENT IN BLANK
4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6 BLANK CORRECTED
7 HEAD SPACE PRESENT IN SAMPLE
8 QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
9 THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
10 ADL(AVERAGE DETECTION LIMITS)
11 PQL(PRACTICAL QUANTITATION LIMITS)
12 SAMPLE ANALYZED OVER HOLDING TIME
13 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM THE FILTERING PROCEDURE
14 SAMPLED BY ULI
15 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE WITHIN EXPERIMENTAL ERROR
16 AN INHIBITORY FACTOR WAS OBSERVED IN THIS ANALYSIS
17 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
18 THE SERIAL DILUTION OF THIS SAMPLE SUGGESTS A POSSIBLE PHYSICAL AND/OR CHEMICAL INTERFERENT IN THIS DETERMINATION. THE DATA MAY BE BIASED EITHER HIGH OR LOW.
19 CALCULATION BASED ON DRY WEIGHT
20 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION LIMITS
21 UG/KG AS REC.D / UG/KG DRY WT
22 MG/KG AS REC.D / MG/KG DRY WT
23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
24 SAMPLE DILUTED/BLANK CORRECTED
25 ND(NON-DETECTED)
26 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
27 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
28 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL.
29 ANALYZED BY METHOD OF STANDARD ADDITIONS
30 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
31 FIELD MEASURED PARAMETER TAKEN BY CLIENT
32 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
33 NON-POTABLE WATER SOURCE
34 VOLATILE ASP CODES
(B)POSSIBLE/PROBABLE BLANK CONTAMINATION (D)ALL COMPOUNDS IDENTIFIED AT A SECONDARY DILUTION FACTOR (J)DETECTED BELOW THE CRQL
35 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON PETROLEUM DISTILLATES
36 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
37 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY
38 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS) PER DAY OF CL2
39 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
40 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS) PER DAY LAS
41 RESULTS ARE REPORTED ON AN AS REC.D BASIS
42 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20, CREATING A THEORETICAL TCLP VALUE
43 METAL BY CONCENTRATION PROCEDURE
44 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY

Date: 03/21/00

Spectate Laboratories, Inc.
Analysis Results
Report number: 04000023
Client I.D.: BOB SERVICES, INC.
Sampled by: Client

APPROVED:
QC:
Lab I.D.: 10170

TOPSOIL TESTING
SPISLER ROAD EAST 101SE 02/08/00 C

ULI I.D.: 04000023

Matrix: Soil

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
Heptachlor	<1.8ug/kg dw	02/17/00		PA5552
Aldrin	<1.8ug/kg dw	02/17/00		PA5552
Heptachlor Epoxide	<1.8ug/kg dw	02/17/00		PA5552
Endosulfan I	<1.8ug/kg dw	02/17/00		PA5552
Dieldrin	<3.6ug/kg dw	02/17/00		PA5552
4,4'-DDE	<3.6ug/kg dw	02/17/00		PA5552
Endrin	<3.6ug/kg dw	02/17/00		PA5552
Endosulfan II	<3.6ug/kg dw	02/17/00		PA5552
4,4'-DDD	<3.6ug/kg dw	02/17/00		PA5552
Endosulfan Sulfate	<3.6ug/kg dw	02/17/00		PA5552
4,4'-DDT	<3.6ug/kg dw	02/17/00		PA5552
Methoxychlor	<18ug/kg dw	02/17/00		PA5552
Endrin Ketone	<3.6ug/kg dw	02/17/00		PA5552
Endrin Aldehyde	<3.6ug/kg dw	02/17/00		PA5552
alpha-Chlordane	<1.8ug/kg dw	02/17/00		PA5552
gamma-Chlordane	<1.8ug/kg dw	02/17/00		PA5552
Toxaphene	<185ug/kg dw	02/17/00		PA5552
Aroclor 1016	<1.8ug/kg dw	02/17/00		PA5552
Aroclor 1221	<1.8ug/kg dw	02/17/00		PA5552
Aroclor 1232	<1.8ug/kg dw	02/17/00		PA5552
Aroclor 1242	<1.8ug/kg dw	02/17/00		PA5552
Aroclor 1248	<1.8ug/kg dw	02/17/00		PA5552
Aroclor 1254	<1.8ug/kg dw	02/17/00		PA5552
Aroclor 1260	<1.8ug/kg dw	02/17/00		PA5552

dw = Dry weight

APPENDIX F

INSPECTORS DAILY REPORTS

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 12 DEC 00

Day: S | M | X | W | T | F | S

Project:	AMADORI CONST.
Owner:	CITY OF LACK.
Contractor:	BLC
URS Project No.:	35815.03

Weather	Sunny	Clear	Overcast	Rain	Snow
	am / pm	am / pm	am / pm	am / pm	am / pm
Temperature °F	<32	32-50	50-70	70-85	>85
	am / pm	am / pm	am / pm	am / pm	am / pm
Wind	Still	Moderate	High	Report No.	
	am / pm	am / pm	am / pm	1	
Humidity	Dry	Moderate	High		
	am / pm	am / pm	am / pm		

VISITORS:

Time	Name	Representing	Remarks
0930	VINCE LUKA	URS	ESTABLISH 92'-100' RADIUS TO DETERMINE EXCAVATION AREA
0930	NATE TAFT	URS	

CQC Inspection phases attended and instructions given:

HEALTH & SAFETY MEETING
SLIPS, TRIPS & FALLS
EXSPOSURE

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

SLC MOBILIZED ON SITE
NO DEFICIENCIES to REPORT
NO TEST WERE CONDUCTED
SLC SECURED THEIR EQUIPMENT & DEPARTING SITE

Oral Instruction given to Contractor (Include names, reactions, and remarks):

NONE @ THIS TIME

Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 12 DEC 00 PAGE: 1 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 12 DEC 00
Day: S | M | T | W | T | F | S

Has anything developed regarding the work that might lead to a change order or finding of fact?
(X) No ( ) Yes Describe:

Information on progress of work, causes for delays and extent of delays:
HIGH WINDS & SNOW HAS DELAYED ANY WORK TODAY

Information, instructions, or actions taken not covered on QCR report, or disagreements:
NONE

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
NONE

Other QA Activities and Remarks:
MADE INTRODUCTION WITH SLC. IT WAS DETERMINED BECAUSE OF HIGH WINDS THAT ANY WORK WOULD BE POSTPONED TODAY.
URS's SURVEYORS ARRIVED ON SITE TO ESTABLISH THE 92' - 100' RADIUS & PROPERTY CORNERS

Prepared By: JAMES MONNIN ENG. INSPECTOR Date: 12 DEC 00 PAGE: 2 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 12 DEC 00

Day: S | M | T | W | T | F | S

Other QA Activities and Remarks:

ADVISED CHUCK OUSEL OF WEATHER CONDITIONS AND IT WAS AGREED THAT WORK WOULD BE CANCELLED today SLC & URS will BE BACK ON SITE WEDS 13 DEC 00 to BEGIN REMEDIAL ACTIVITIES. THERE WERE NO INCIDENTS to REPORT.

James Monnin

5 HOURS

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 12 DEC 00 PAGE:3 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 13 DEC 00

Day: S | M | T | W | T | F | S

Project: AMADORI CONST.
Owner: CITY OF LACK.
Contractor: BLC
URS Project No.: 35815.03

Weather	Sunny		Clear		Overcast		Rain		Snow	
	am	pm	am	pm	am	pm	am	pm	am	pm
Temperature °F	<32		32-50		50-70		70-85		>85	
	am	pm	am	pm	am	pm	am	pm	am	pm
Wind	Still		Moderate		High		Report No.			
	am	pm	am	pm	am	pm	2			
Humidity	Dry		Moderate		High					
	am	pm	am	pm	am	pm				

VISITORS:

Time	Name	Representing	Remarks
0930	VINCE LUKA	URS	STAKE OUT FOR RADIUS
0930	NATHAN TAFT	URS	"
1000	KEVIN GLAZER	DEC	OVERSEE'd ACTIVITIES

CQC Inspection phases attended and instructions given:

Had HEAlth & SAFETY MEETING

* SEE ATTACHED SHEET

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

Had to REESTABLISH RADIUS STAKE OUT
NO DEFICIENCES TO REPORT
CONTRACTOR IS PERFORMING AS PER CONTRACT.

Oral Instruction given to Contractor (Include names, reactions, and remarks):

NONE GIVEN @ THIS TIME

Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 13 DEC 00 PAGE: 1 OF 3

C Dennis 1/15/01

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 13 DEC 00
Day: S | M | T | W | T | F | S

Has anything developed regarding the work that might lead to a change order or finding of fact?
(X) No ( ) Yes **Describe:**

Information on progress of work, causes for delays and extent of delays:
GOOD PROGRESS WAS MADE THROUGHOUT THE DAY
NO DELAYS TO REPORT.

Information, instructions, or actions taken not covered on QCR report, or disagreements:
NONE

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
NONE

Other QA Activities and Remarks:
BEGAN CLEARING C & D TODAY. MADE GOOD EFFORTS ON WORK LOAD.
SLC PERFORMED AS PER THEIR CONTRACT ALL HEALTH & SAFETY ISSUES WERE OBSERVED
NEI HAS DELIVERED (3) DUMPSTERS FOR C & D DEBRIS

Prepared By: JAMES MONNIN ENG. INSPECTOR **Date:** 13 DEC 00

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 13 DEC 00
Day: S | M | T | W | X | F | S

Other QA Activities and Remarks:

URS OBSERVED All ACTIVITIES THROUGHOUT THE DAY SLC PERFORMED All WORK AS PER THEIR CONTRACT NO EXCAVATION TODAY STILL LOADING C & D. THURSDAY SLC WILL CONTINUE LOADING C & D. ALSO THEY WILL BE CUTTING THE (3) COTTONWOOD TREES THAT ARE LOCATED INSIDE EXCAVATION AREA. THERE WERE NO INCIDENTS TO REPORT. PICTURES WERE TAKEN OF SITE & DEBRIS. All HEALTH & SAFETY ISSUES WERE OBSERVED TODAY. All WORK AS PER CONTRACT

James Monnin

8 HOURS

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 13 DEC 00 PAGE: 3 OF 3

C. Duff 1/15/01

P:\60814\DQA_Rpt
12/11/00 10:19 AM

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 14 DEC 00

Day: S | M | T | W | T | F | S

Project:	AMADORI CONST.
Owner:	CITY OF LACK.
Contractor:	BLC
URS Project No.:	35815.03

Weather	Sunny	Clear	Overcast	Rain	Snow
	am / pm	am / pm	am / pm	am / pm	am / pm
Temperature °F	<32	32-50	50-70	70-85	>85
	am / pm	am / pm	am / pm	am / pm	am / pm
Wind	Still	Moderate	High	Report No.	
	am / pm	am / pm	am / pm		
Humidity	Dry	Moderate	High	3	
	am / pm	am / pm	am / pm		

VISITORS:

Time	Name	Representing	Remarks
1300	BILL BAKER	WASTE MANGEMENT	MET W/SLC ABOUT C&D
1400	DAVE FROST	NEI	MET W/SLC ABOUT C&D
1500	AL BROWN	BROWN TRUCKING	MET W/SLC

CQC Inspection phases attended and instructions given:

HEALTH & SAFETY MEETING

* SEE ATTACHED SHEET

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

URS PROVIDED QA THROUGHOUT TODAY 14 DEC 00
NO DEFICIENCIES TO REPORT
CONTRACTOR (SLC) IS PERFORMING AS PER THEIR CONTRACT.

Oral instruction given to Contractor (Include names, reactions, and remarks):

ADVISED (SLC) THAT THEY NEED TO BE MONITORING THE AIR FOR DUST CONTROL & ANY CONTAMENATION THEY WILL HAVE EQUIPMENT & PERSONEL ON SIGHT 15 DEC 00

Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 14 DEC 00 PAGE: 1 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 14 DEC00
Day | S | M | T | W | X | F | S |

Has anything developed regarding the work that might lead to a change order or finding of fact?
( ) No (✓) Yes Describe:
Located (1) 55 Gallon drums buried under C & D debris with unkown product inside. Called Chuck Dusel and advised him of this situation.

Information on progress of work, causes for delays and extent of delays:
Progress was made today on clearing C & D debris

Information, instructions, or actions taken not covered on QCR report, or disagreements:
None @ this time

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
None @ this time

Other QA Activities and Remarks:
URS provided oversight for all remedial activities today
SLC followed their work plan & also their health & safety plan

Prepared By: JAMES MONNIN ENG. INSPECTOR Date: 14 DEC00 PAGE:2 OF 3

[illegible]\DQA_Rpt
12/[illegible] 10:19 AM

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 14 DEC 00
Day: S | M | T | W | X | F | S

Other QA Activities and Remarks:

FINDING THE 55 GALLON DRUM HAS RAISED SOME CONCERNS ON HOW SLC WILL PROPERLY HANDLE & DISPOSE OF THIS. SPOKE WITH CHUCK DUSEL (URS) & SCOTT PFHOL (SLC) AND CHUCK WILL DIRECT SLC ON HOW TO HANDLE THIS SITUATION. ALL C&D DEBRIS IS BEING STOCKPILED & SEPERATED INSIDE THE 92' - 100' RADIUS @ THIS TIME. SLC WILL BEGIN HAULING C&D ON FRI 15 DEC 00 URS IS SATISFIED WITH SLC ACTIVITIES CHUCK DUSEL (URS) IS GOING TO SEND A QUALIFIED ENVIROMENTAL TECH TO ASSESS THE 55 GALLON DRUM URS & SLC ARE DEPARTING & SECURING SITE @ THIS TIME.

James J Monnin

8 HOURS

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 14 DEC 00 PAGE: 3 OF 3

C. Dusel 1/15/01

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 15 DEC 00

Day: S | M | T | W | T | F | S (F)

Project:	AMADORI CONST.
Owner:	CITY OF LACK.
Contractor:	BLC
URS Project No.:	35815.03

Weather	Sunny	Clear	Overcast	Rain	Snow
	am / pm	(am) / pm	am / pm	am / pm	am / pm
Temperature °F	<32	32-50	50-70	70-85	>85
	(am) / pm	am / pm	am / pm	am / pm	am / pm
Wind	Still	Moderate	High	Report No.	
	(am) / pm	am / pm	am / pm	4	
Humidity	Dry	Moderate	High		
	am / pm	(am) / (pm)	am / pm		

VISITORS:

Time	Name	Representing	Remarks
0815	BILL BAKER	WASTE MANGEMENT	INSPECTION OF C&D REMOVAL
0900	SCOTT ARAL	SLC	DISCUSSED SITE ACTIVITIES
0900	JOHN KUHN	SLC	" "
1000	KEVIN GLAZEK	DEC	DISCUSSED REMEDIAL ACTIVITIES

CQC Inspection phases attended and instructions given:

HEALTH & SAFETY MEETING

* SEE ATTACHED SHEET

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

INSPECTION WAS PERFORMED 15 DEC 00 CONCERNING THE 55 GALLON DRUM SLC HAS OVERPACKED THE DRUM & INSTALL FENCING TO SECURE DRUM.
NO DEFICIENCIES WERE OBSERVED
SLC IS FOLLOWING THEIR WORK PLAN

Oral Instruction given to Contractor (Include names, reactions, and remarks):

URS HAS INSTRUCTED SLC TO START MONITORING AIR QUALITY AROUND AMADORI CONST. SITE
SLC IS FOLLOWING ALL OTHER HEALTH & SAFETY ISSUES @ THIS TIME
URS HAS INSTRUCTED SLC TO INSTALL A DECON PAD AND A SECURE CONST SITE ENTRANCE.

Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 15 DEC 00 PAGE: 1 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 15 DEC 00
Day S M T W T F S

Has anything developed regarding the work that might lead to a change order or finding of fact?
(X) No ( ) Yes **Describe:**

Information on progress of work, causes for delays and extent of delays:
Good Progress was made today
No delays to Report.

Information, instructions, or actions taken not covered on QCR report, or disagreements:
None @ this time

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
None @ this time

Other QA Activities and Remarks:
URS provided oversight for all Remedial activities today
Met with SLC project manger and discuss Decon area & set up a secure Const ent. Both parties are in agree ment
SLC loaded C&D debris throughout today

Prepared By: JAMES MONNIN ENG. INSPECTOR **Date:** 15 DEC 00 PAGE 2 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 15 DEC 00
Day S M T W T 6 S

Other QA Activities and Remarks:

AIR QUALITY MONITORING WAS PERFORMED & ENTERED ON OVERVIEW SITE MAP* SEE ATTACHED SHEET ALL OTHER ACTIVITIES TODAY WERE AS PER CONTRACT HEALTH & SAFETY ISSUES WERE OBSERVED THERE ARE NO INCIDENTS TO REPORT. URS HAS TAKEN PICTURES OF ALL REMEDIAL ACTIVITIES @ VARIOUS LOCATIONS AROUND SITE WILL LOG PICTURES IN photo LOG & SUBMIT WITH FINAL REPORT. URS & SLC ARE SECURING SITE FOR THE WEEKEND & DEPARTING

James J Monnin

108.14
~~44.98~~ TONS OF C&D DEBRIS REMOVED

8 HOURS

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 15 DEC 00 PAGE:3 OF 3

C. Desy 1/15/01

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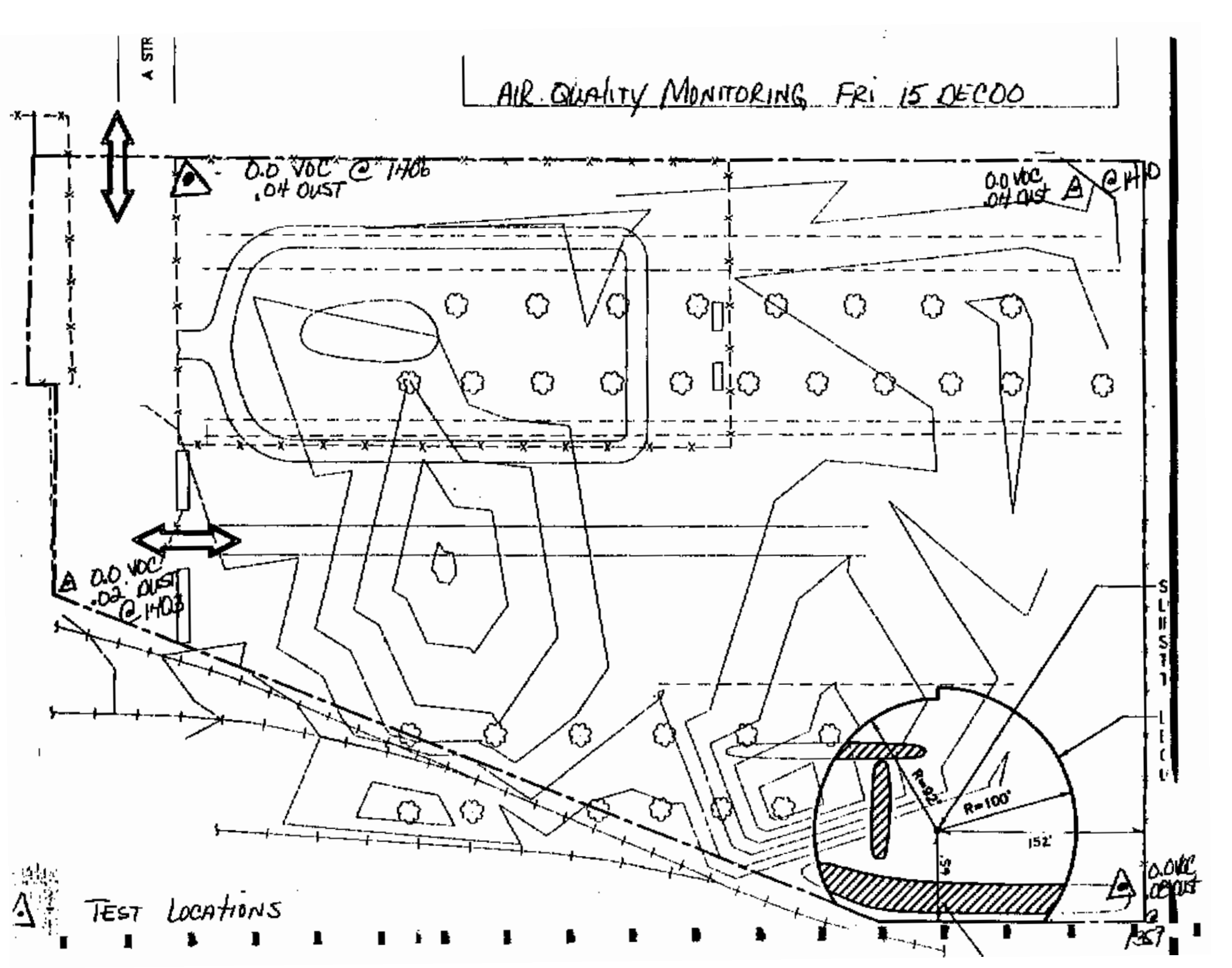
AIR QUALITY MONITORING FRI 15 DEC00
0.0 VOC @ 1406
.04 DUST
0.0 VOC
.04 DUST
@ 1410
0.0 VOC
.02 DUST
@ 1403
R=92'
R=100'
152'
0.0 VOC
.08 DUST
TEST LOCATIONS

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 18 DEC 00

Day [S] [M] [T] [W] [T] [F] [S]

Project:	AMADORI CONST.
Owner:	CITY OF LACK.
Contractor:	BLC
URS Project No.:	35815.03

Weather	Sunny	Clear	Overcast	Rain	Snow
	am / pm	am / pm	am / pm	am / pm	am / pm
Temperature °F	<32	32-50	50-70	70-85	>85
	am / pm	am / pm	am / pm	am / pm	am / pm
Wind	Still	Moderate	High	Report No.	
	am / pm	am / pm	am / pm		
Humidity	Dry	Moderate	High	5	
	am / pm	am / pm	am / pm		

VISITORS:

Time	Name	Representing	Remarks
1000	GREG SUTTON	OEC	CHECKED ON PROGRESS
1030	BILL BAKER	WASTE MANAG.	CHECKED ON C&D

CQC Inspection phases attended and instructions given:

HEALTH & SAFETY MEETING

* ATTENTION TO EXSPOUSURE HIGH WINDS & SUB ZERO WIND CHILL

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

QA INSPECTION WAS PERFORMED ON 18 DEC 00. NO DEFICIENCIES TO REPORT

SLC IS PERFORMING AS PER CONTRACT.

Oral Instruction given to Contractor (Include names, reactions, and remarks):

NONE GIVEN @ THIS TIME

Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 18 DEC 00 PAGE: 1 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 18 DEC 00
Day | S | ☒ | T | W | T | F | S |

Has anything developed regarding the work that might lead to a change order or finding of fact?
☒ No ( ) Yes Describe:

Information on progress of work, causes for delays and extent of delays:
PROGRESS WAS MADE TODAY.
NO DELAYS to REPORT

Information, instructions, or actions taken not covered on QCR report, or disagreements:
NONE @ this time

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
NONE @ this time

Other QA Activities and Remarks:
BEGAN LOADING C&D DEBRIS TODAY IN SOUTHWEST AREA OF SITE
LCA TRUCKING IS ON SITE & CONTINUES to SEND TRUCKS
URS IS PROVIDING QA INSPECTION OF ALL ACTIVITIES today
SLC CONTINUES to follow THEIR WORK plAN
GREG SUTTON ARRIVED ON SITE TO CHECK ON REMEDIATION ACTIVITIES (DEC) IS SATISFIED with ACTIVITIES

Prepared By: JAMES MONNIN ENG. INSPECTOR Date: 18 DEC 00 PAGE:2 OF 3

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URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 18 DEC 00
Day S ~~M~~ T W T F S

Other QA Activities and Remarks:

Good PROGRESS WAS MADE THROUGHOUT THE DAY. SLC CONTINUES TO PUT FORTH EXCELLENT EFFORTS ON THEIR REMEDIATION ACTIVITIES AIR QUAILITY MONITORING WAS DONE TODAY. HIGH WINDS & SNOW HAVENT DAMPERED EFFORTS TODAY THERE ARE NO INCIDENTS TO REPORT HIGH WINDS HAVE CAUSED SLC NOT TO CUT THE (2) REMAINING COTTONWOOD TREES ON SIGHT. WILL CALL CHUCK DUSEL (URS) TO FIND OUT ABOUT THE 55 GALLON DRUM ON SIGHT.
ALL HEALTH & SAFETY ISSUES WERE FOLLOWED TODAY AIR QUALITY READINGS RANGING FROM 0.0 VOC'S & .02 - .08 DUST THROUGHOUT TODAY.

James J Monnin

255.97
~~220.80~~ TONS C&D

8 HOURS

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 18 DEC 00 PAGE: 3 OF 3

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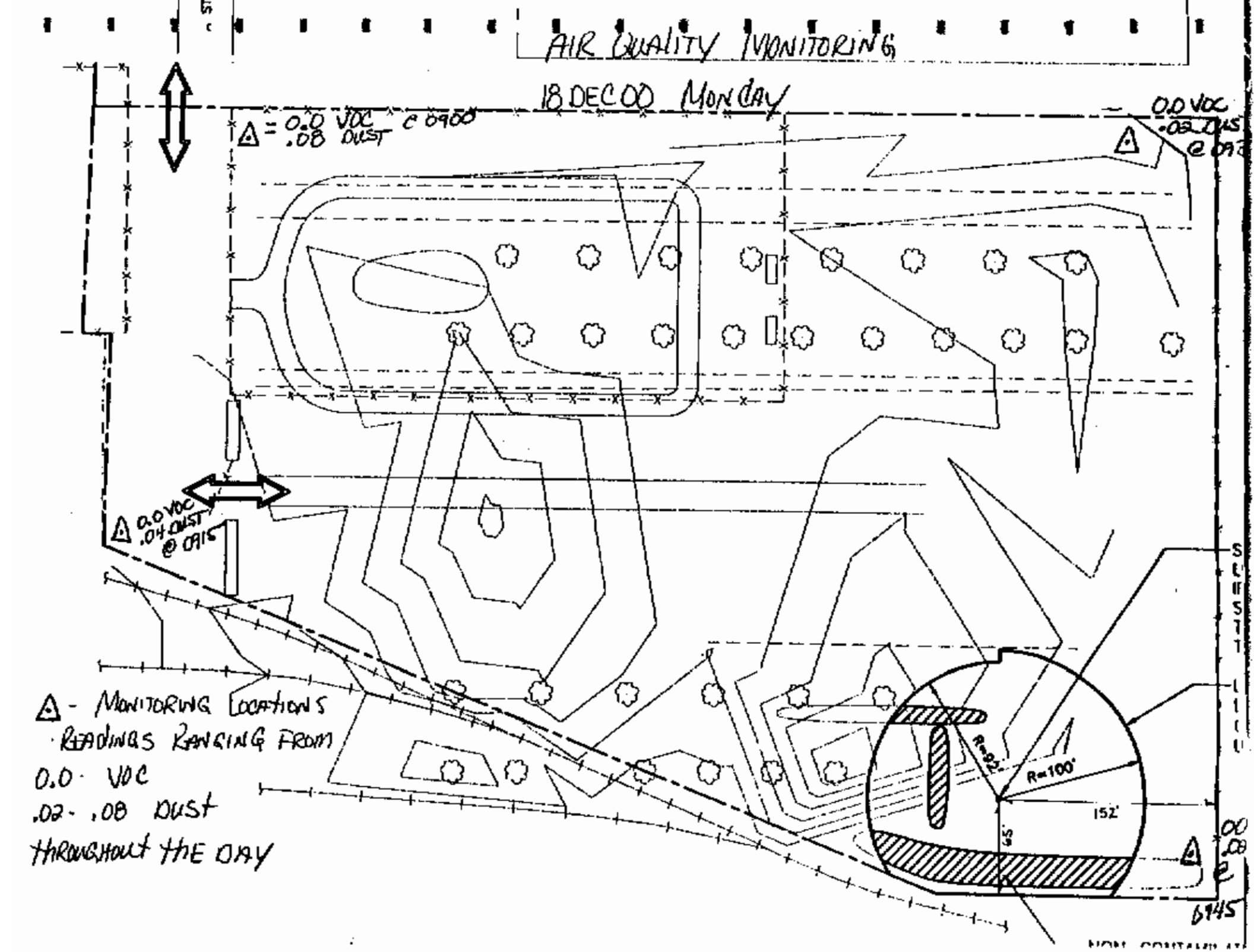
AIR QUALITY MONITORING
18 DEC 00 MONDAY
△ = 0.0 VOC .08 DUST @ 0900
0.0 VOC .02 DUST @ 0930
0.0 VOC .04 DUST @ 0915
△ - MONITORING LOCATIONS
READINGS RANGING FROM
0.0 - VOC
.02 - .08 DUST
THROUGHOUT THE DAY
R=92'
R=100'
152'
65'
.00 .08 @ 0945

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 19 DEC 00

Day: S | M | T | W | T | F | S

Project: AMADORI CONST.
Owner: CITY OF LACK.
Contractor: BLC
URS Project No.: 35815.03

Weather	Sunny	Clear	Overcast	Rain	Snow
	am pm	am pm	am pm	am pm	am pm
Temperature °F	<32	32-50	50-70	70-85	>85
	am pm	am pm	am pm	am pm	am pm
Wind	Still	Moderate	High	Report No.	
	am pm	am pm	am pm	6	
Humidity	Dry	Moderate	High		
	am pm	am pm	am pm		

VISITORS:

Time	Name	Representing	Remarks
1100	BILL BAKER	WASTE MANAGMENT	CHECK ON C&D REMOVAL
1115	DREW SHAPIRO	CITY OF LACK	CHECK ON PROGRESS
1430	KEVIN GLAZER	DEC	CHECK ON PROGRESS

CQC Inspection phases attended and instructions given:

HEALTH & SAFETY MEETING
- SLIPS, TRIPS & FALLS
- EXSPOSURE
- TRUCKS

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

QA INSPECTION WAS PERFORMED. AIR QUALITY MONITORING WAS CONDUCTED BY SLC
NO DEFICIENCIES OBSERVED
SLC IS FOLLOWING WORK PLAN.

Oral Instruction given to Contractor (Include names, reactions, and remarks):

ADVISED SLC THAT THEY CANT USE ACCESS ROAD ALONG SMOKES CREEK to LOAD OUT CONTAMENATED SOIL MUST USE HAUL ROAD LOCATED ON SITE. W/ STABILIZED CONST ENTRANCE.
SLC IS DEPLOYING #2 STONE @ CONST. ENTRANCE. ALSO 55 GALLON DRUM WAS OVERPACKED & SEALED BY SLC. NOTIFIED CHUCK DIESEL (URS)

Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 19 DEC 00 PAGE: 1 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 19 DEC 00
Day | S | M | X | W | T | F | S |

Has anything developed regarding the work that might lead to a change order or finding of fact?
(X) No ( ) Yes Describe:

Information on progress of work, causes for delays and extent of delays:
PROGRESS WAS MADE TODAY
NO DELAYS to REPORT

Information, instructions, or actions taken not covered on QCR report, or disagreements:

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
NONE @ this time

Other QA Activities and Remarks:
URS PROVIDED ON SITE MONITORING FOR All REMEDIAL ACTIVITIES today.
SLC BEGAN EXCAVATING CONTAMENATED SOIL IN the Southwest AREA OF the 92'-100' RADIUS
AS SOIL WAS EXCAVATED it WAS stockpiled AS FOR the HOE COULD LOAD INTO WAITING (LINED) DUMP trucks to be hauled OFF SITE

Prepared By: JAMES MONNIN ENG. INSPECTOR Date: 19 DEC 00 PAGE:2 OF 3

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URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 19 DEC 00
Day S M T W T F S

Other QA Activities and Remarks:

DREW SHAPIRO (CITY OF LACK) ON SITE TO CHECK ON PROGRESS & DISCUSS REMEDIAL ACTIVITIES URS ASSURES HIM THAT ALL IS AS PER CONTRACT. LCA CONTINUED TO HAUL CONTAMENATED SOIL THROUGHTOUT THE DAY GOOD PROGRESS WAS MADE. ALL REMEDIAL ACTIVITIES WERE AS PER CONTRACT. HEALTH & SAFETY PLAN WAS FOLLOWED TODAY. NO INCIDENTS TO REPORT AIR QUALITY READINGS WERE ALSO CONDUCTED TODAY * SEE ATTACHED SHEET TO QA REPORT. EXSPOSED EXSISTING FOUNDATION INSIDE 92'-100'
KEVIN GLAZER (DEC) ON SITE TO CHECK ON REMEDIAL ACTIVITIES. ALL WORK WAS AS PER CONTRACT TODAY

James J Monnin

343.98 TONS 8 HOURS

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 19 DEC 00 PAGE:3 OF 3

C. Desaj 1/15/01

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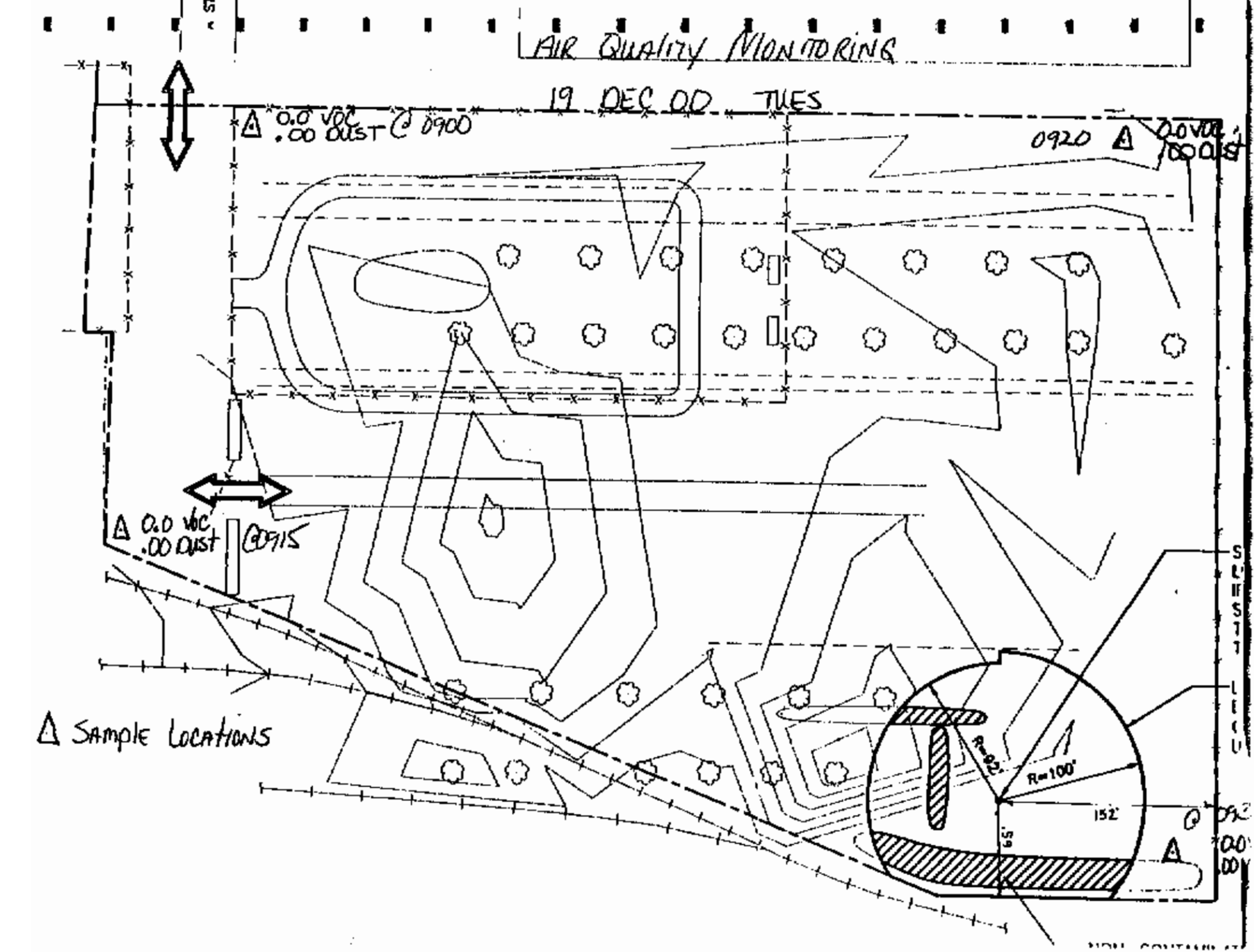
AIR QUALITY MONITORING
19 DEC 00 TUES
0.0 VOC .00 DUST @ 0900
0920 0.0 VOC .00 DUST
0.0 VOC .00 DUST @ 0715
Δ Sample Locations
R=100'
152'
55'

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 20 DEC 00

Day: S | M | T | W | T | F | S

Project: AMADORI CONST.
Owner: CITY OF LACK.
Contractor: BLC
URS Project No.: 35815.03

Weather	Sunny	Clear	Overcast	Rain	Snow
	am / pm	am / pm	am / pm	am / pm	am / pm
Temperature °F	<32	32-50	50-70	70-85	>85
	am / pm	am / pm	am / pm	am / pm	am / pm
Wind	Still	Moderate	High	Report No.	
	am / pm	am / pm	am / pm	7	
Humidity	Dry	Moderate	High		
	am / pm	am / pm	am / pm		

VISITORS:

Time	Name	Representing	Remarks
1430	KEVIN GINZER	OEC	CHECKED ON PROGRESS

CQC Inspection phases attended and instructions given:

HEALTH & SAFETY MEETING
- SLIPS, TRIPS & FALLS
- EXSPOSURE
- TRUCK TRAFFIC

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

URS PERFORMED QA INSPECTION ALL WAS FOUND TO BE AS PER CONTRACT
NO DEFICIENCIES OBSERVED
SLC IS PERFORMING AS PER THEIR CONTRACT.

Oral Instruction given to Contractor (Include names, reactions, and remarks):

NONE GIVEN @ THIS TIME

Prepared By: JAMES MONNIN ENG. INSPECTOR **DATE:** 20 DEC 00 **PAGE:** 1 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 20 DEC 00
Day | S | M | T | W ✓ | T | F | S |

Has anything developed regarding the work that might lead to a change order or finding of fact?
(✓) No ( ) Yes Describe:

Information on progress of work, causes for delays and extent of delays:
PROGRESS WAS MADE TODAY
EST 708 TONS HAVE BEEN HAULED OFF SITE
NO DELAYS TO REPORT

Information, instructions, or actions taken not covered on QCR report, or disagreements:
NONE @ THIS TIME

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
NONE @ THIS TIME

Other QA Activities and Remarks:
URS PROVIDED OVERSIGHT TODAY FOR ALL REMEDIAL ACTIVITIES
SLC CONTINUES TO PUT FORTH AN EXCELLENT EFFORT ON THE REMEDIATION OF THE AMADORI CONST SITE

Prepared By: JAMES MONNIN ENG. INSPECTOR Date: 20 DEC 00 PAGE

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URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 20 DEC 00
Day S M T W T F S

Other QA Activities and Remarks:

URS IS VERY SATISFIED WITH SLC EFFORTS. THEY ARE FOLLOWING THEIR WORK PLAN CLOSELY AIR QUALITY MONITORING IS BEING DONE @ VARIOUS LOCATIONS AROUND THE SIGHT SLC HAS MADE EVERY EFFORY TO COMPLY WITH ALL HEALTH & SAFETY ISSUES URS WILL BE SAMPLING THE EXCAVATION AREA 21 DEC 00 THURSDAY URS & SLC DEPARTING SITE.

James J Monnin

448.95 TONS

8 HOURS

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 20 DEC 00 PAGE:3 OF 3

C. Dwyer 1/15/01

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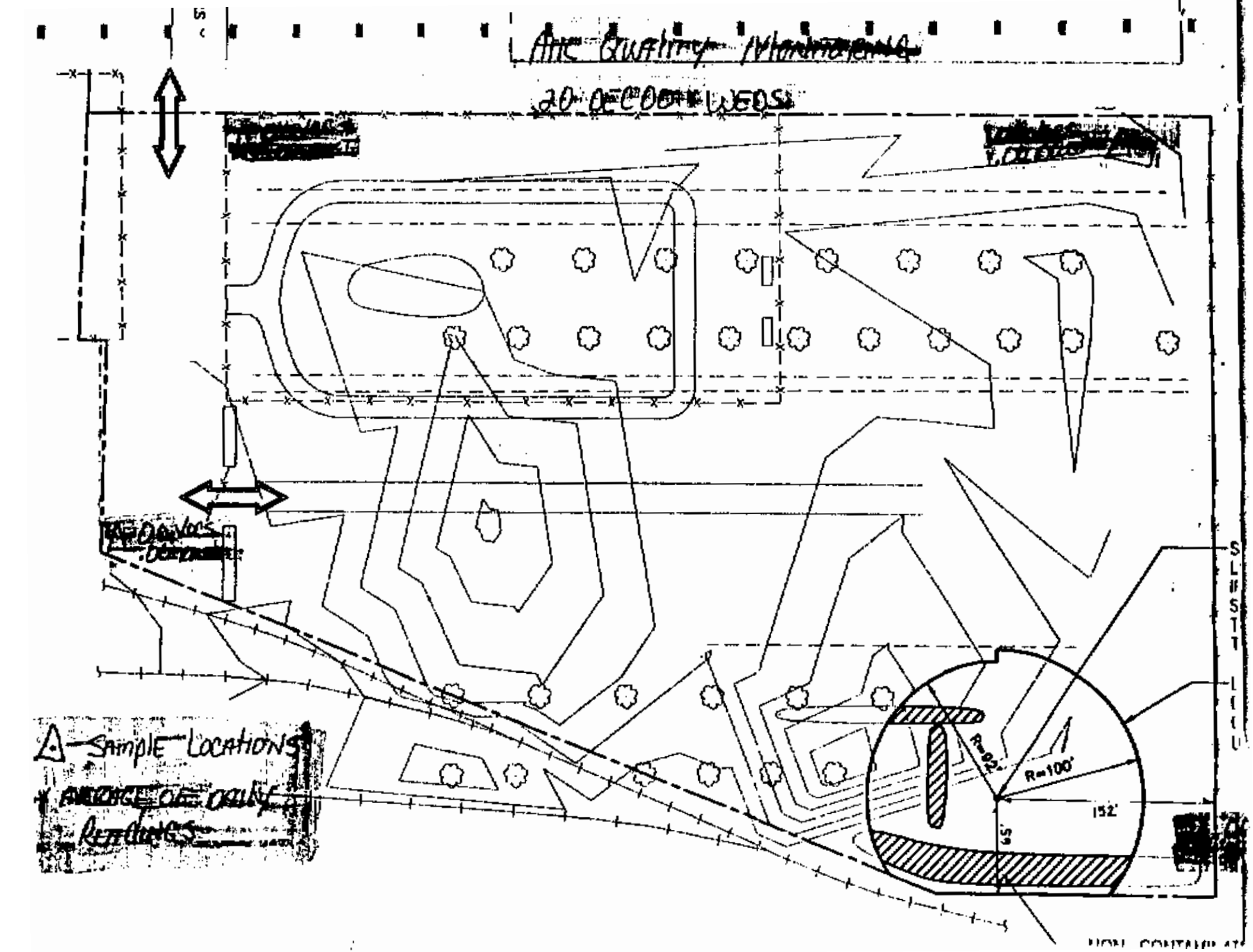

Air Quality Monitoring
20 DEC 00 WEDS
Sample Locations
Average of Daily Readings
R=92'
R=100'
152'
65'

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 21 DEC 00

Day: S | M | T | W | T | F | S

Project:	AMADORI CONST.
Owner:	CITY OF LACK.
Contractor:	BLC
URS Project No.:	35815.03

Weather	Sunny	Clear	Overcast	Rain	Snow
	am / pm	am / pm	am / pm	am / pm	am / pm
Temperature °F	<32	32-50	50-70	70-85	>85
	am / pm	am / pm	am / pm	am / pm	am / pm
Wind	Still	Moderate	High	Report No.	
	am / pm	am / pm	am / pm		
Humidity	Dry	Moderate	High	8	
	am / pm	am / pm	am / pm		

VISITORS:

Time	Name	Representing	Remarks
0915	CHRISTOPHER PAWENSKI	ERIE COUNTY	CHECKED ON PROGRESS

CQC Inspection phases attended and instructions given:

HEALTH & SAFETY MEETING
SLIPS, TRIPS & FALLS
TRUCK TRAFFIC
EXSPOSURE TO WIND CHILL

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

URS PERFORMED A QA INSPECTION 21 DEC 00 ALL WAS FOUND TO BE AS PER CONTRACT
NO DEFICIENCIES TO REPORT
SLC IS PERFORMING AS PER THEIR CONTRACT.

Oral instruction given to Contractor (Include names, reactions, and remarks):

NONE GIVEN @ THIS TIME

Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 21 DEC 00 PAGE: 1 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 21 DEC 00
Day | S | M | T | W | X | F | S |

Has anything developed regarding the work that might lead to a change order or finding of fact?
(X) No ( ) Yes Describe:

Information on progress of work, causes for delays and extent of delays:
GOOD PROGRESS WAS MADE TODAY
NO DELAYS to REPORT

Information, instructions, or actions taken not covered on QCR report, or disagreements:
NONE @ this time

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
NONE OBSERVED

Other QA Activities and Remarks:
URS PROVIDED OVERSIGHT FOR All REMEDIAL ACTIVITIES today.
URS ALSO TOOK post EXCAVATION SAMPLES today
* SEE ATTACHED;
COC &
OVERVIEW MAP FOR SAMPLE LOCATIONS

Prepared By: JAMES MONNIN ENG. INSPECTOR Date: 21 DEC 00 PAGE: 2 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 21 DEC 00
Day | S | M | T | W | X | F | S |

Other QA Activities and Remarks:

SLC CONTINUED WITH GOOD EFFORT TODAY ON THEIR REMEDIAL ACTIVITIES.

SLC CONTINUED THEIR AIR QUALITY MONITORING @ VARIOUS LOCATIONS AROUND SITE * SEE ATTACHED SHEET TO QA REPORT CHRIS PAWENSKI (ERIE COUNTY) WAS ON SITE TODAY TO CHECK ON PROGRESS. URS GAVE (COC) & SAMPLE POINT LOCATIONS TO SLC. TO CONFIRM THAT POST EXCAVATION SAMPLES WERE TAKEN & DELIVERD TO WASTE STREAM NOTIFIED CHUCK DUSEL (URS) OF THESE EVENTS AS WELL ALL WORK TODAY WAS AS PER CONTRACT. SLC FOLLOWED THEIR HEALTH & SAFETY PLAN AS WELL. URS WILL SEND COPIES OF QA REPORTS TO SLC FOR REVIEW URS IS VERY SATISFIED W/ SLC EFFORTS PUT FORTH ON THESE REMEDIAL ACTIVITIES.

James J Monnin

8 HOURS

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 21 DEC 00 PAGE: 3 OF 3

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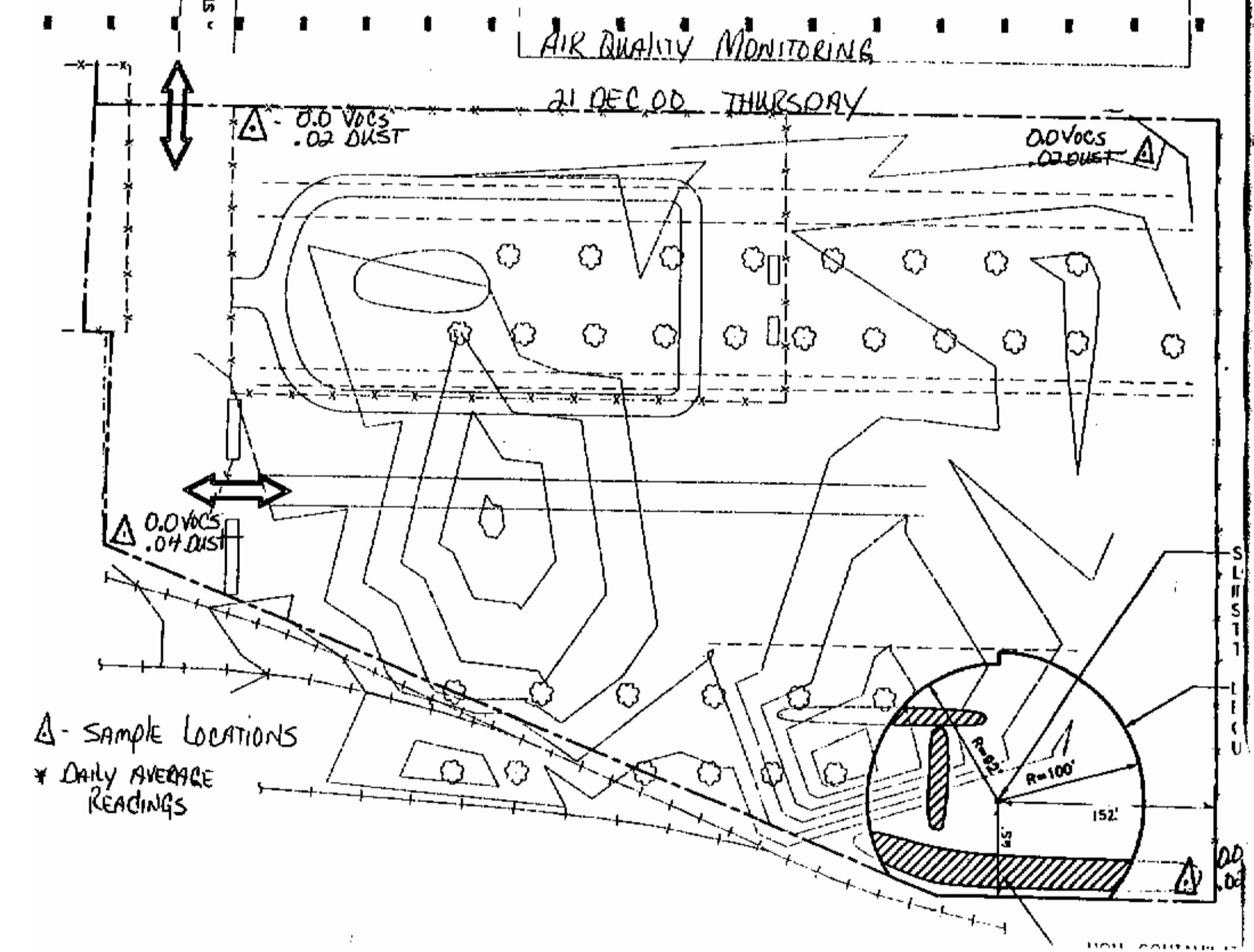
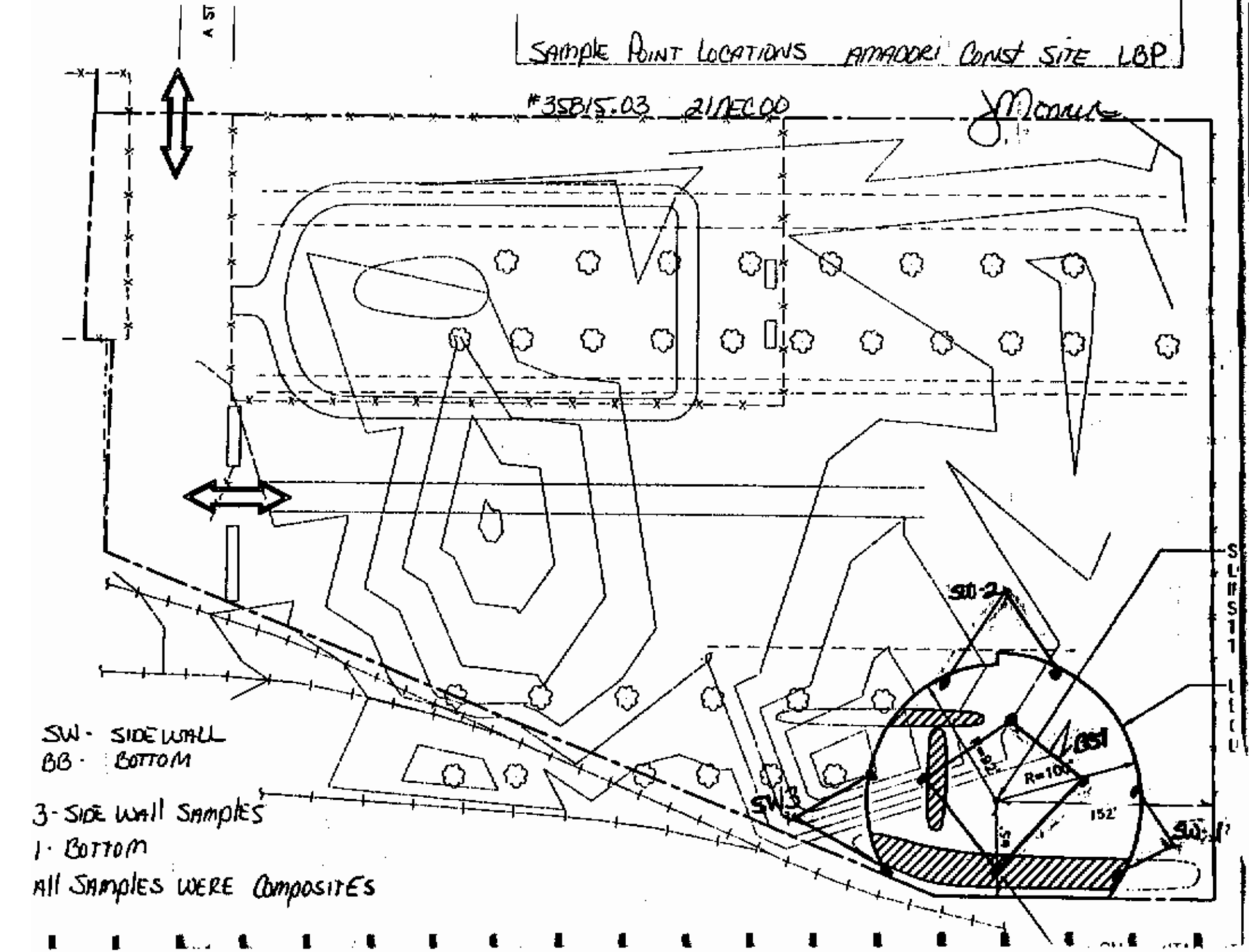

AIR QUALITY MONITORING
21 DEC 00 THURSDAY
0.0 VOCS
.02 DUST
0.0 VOCS
.02 DUST
0.0 VOCS
.04 DUST
R=100'
152'
Δ - SAMPLE LOCATIONS
* DAILY AVERAGE READINGS


SAMPLE POINT LOCATIONS AMADORI CONST SITE LBP
#35815.03 21NEC00
SW-2
BB1
R=100'
152'
SW3
SW-1
SW - SIDE WALL
BB - BOTTOM
3 - SIDE WALL SAMPLES
1 - BOTTOM
All SAMPLES WERE COMPOSITES

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 35815.03

SITE NAME AMADORI Const. II

SAMPLERS (PRINT/SIGNATURE) Jim Munnin Jim Munnin

LAB WASTE STREAM

COOLER 1 of 1

PAGE 1 of 1

DELIVERY SERVICE: — AIRBILL NO.: —

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	TESTS: TOTAL CHROMIUM	BOTTLE TYPE AND PRESERVATIVE: 40z GLASS	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO.# (DRUMS ONLY)
LBP-1	12/21/00	0730	Comp	SW1	SO	4	1		SW Sidewall	N	1'	1'	
LBP-1	12/21/00	0740	Comp	SW2	SO		1		" " "	N	1'	1'	
LBP-1	12/21/00	0745	Comp	SW3	SO		1		" " "	N	1'	1'	
LBP-1	12/21/00	0750	Comp	BB1	SO		1		BB - Bottom	N	1'	1'	

MATRIX CODES: AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES: TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
Jim Munnin	12/21/00	0830	Kim Forster	12/21	8:30
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

SPECIAL INSTRUCTIONS

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/CoCR/GCM

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 22DEC00

Day: S | M | T | W | T | F | S

Project:	AMADORI CONST.
Owner:	CITY OF LACK.
Contractor:	BLC
URS Project No.:	35815.03

Weather	Sunny		Clear		Overcast		Rain		Snow		
	am	pm	am	pm	am	pm	am	pm	am	pm	
Temperature °F	<32		32-50		50-70		70-85		>85		
	am	pm	am	pm	am	pm	am	pm	am	pm	
Wind	Still		Moderate		High		Report No.				
	am	pm	am	pm	am	pm	9				
Humidity	Dry		Moderate		High						
	am	pm	am	pm	am	pm					

VISITORS:

Time	Name	Representing	Remarks

CQC Inspection phases attended and instructions given:

HEALTH & SAFETY MEETING
SLIPS. TRIPS & FALLS
EXSPOSURE . WIND CHILL

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

URS PERFORMED QA INSPECTION ON 22DEC00 ALL WAS FOUND TO BE AS PER CONTRACT
NO DEFICIENCIES TO REPORT
SLC IS following THEIR WORK PLAN

Oral Instruction given to Contractor (Include names, reactions, and remarks):

NONE GIVEN @ THIS TIME

Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 22DEC00 PAGE:1 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 22 DEC 00
Day | S | M | T | W | T | X | S |

Has anything developed regarding the work that might lead to a change order or finding of fact?
(✓) No ( ) Yes Describe:

Information on progress of work, causes for delays and extent of delays:
PROGRESS WAS MADE
HEAVY SNOW TODAY.

Information, instructions, or actions taken not covered on QCR report, or disagreements:
NONE @ this time

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
NONE OBSERVED @ this time

Other QA Activities and Remarks:
URS PROVIDED OVERSIGHT FOR 22 DEC 00 FOR ALL
REMEDIAL ACTIVITIES TODAY
SLC HAS REMOVED ALL CONTAMENATED SOIL FROM
SITE. ALL WORK WAS AS PER CONTRACT

Prepared By: JAMES MONNIN ENG. INSPECTOR Date: 22 DEC 00 PAGE:2 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 22 DEC 00
Day S M T W T W S

Other QA Activities and Remarks:

SLC CONTINUED TO LOAD C&D ALONG WITH COTTONWOOD TREES (2) STUMPS WERE REMOVED FROM EXCAVATION AREA (1) TREE REMAINS STANDING. NO AIR QUALITY READINGS TODAY SLC CONTINUES WITH GOOD EFFORT ON ALL REMEDIAL ACTIVITIES.

James J Monnin

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 22 DEC 00 PAGE:3 OF 3

C Dunf 1/15/01

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12/1/00 10:19 AM

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 26DEC00

Day: S | M | X | W | T | F | S

Project:	AMADORI CONST.
Owner:	CITY OF LACK.
Contractor:	BLC
URS Project No.:	35815.03

Weather	Sunny	Cloudy	Overcast	Rain	Snow
Temperature °F	<32	33-50	51-70	70-85	>85
Wind	Still	Moderate	High	Report No.	
Humidity	Dry	Moderate	High	10	

VISITORS:

Time	Name	Representing	Remarks
1400	KEVIN GLAZER	DEC	CHECK ON PROGRESS

QC Inspection phases attended and instructions given:

HEALTH & SAFETY MEETING
- EXSPOSURE

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

URS PERFORMED QA INSPECTION ALL WAS FOUND TO BE AS PER CONTRACT
NO DEFICIENCIES TO REPORT

Oral Instruction given to Contractor (Include names, reactions, and remarks):

ADVISED SLC THAT THEY NEEDED TO EXCAVATE 2' BEYOND 100' & 92' RADIUS @ SAMPLE POINTS SW01A & SW31.

Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 26DEC00 PAGE: 1 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 26 DEC00
Day S M X W T F S

Has anything developed regarding the work that might lead to a change order or finding of fact?
( ) No (X) Yes Describe:
ANALITICAL RESULTS FROM 12/21/00 FAILED NEED TO EXCAVATE FURTHER

Information on progress of work, causes for delays and extent of delays:
SLOW PROGRESS.
BECAUSE EQUIPMENT CAN NOT TRACK ON CLEAN BOTTOM.

Information, instructions, or actions taken not covered on QCR report, or disagreements:
NONE @ THIS TIME

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
NONE OBSERVED @ THIS TIME

Other QA Activities and Remarks:
URS PROVIDED OVERSIGHT FOR ALL REMEDIAL ACTIVITIES TODAY.
SLC WAS ADVISED THE THEY NEEDED TO CONTINUE TO EXCAVATE DUE TO ANALITICAL RESULTS THAT FAILED > 50 ppm ON SW3 & SW1

Prepared By: JAMES MONNIN ENG. INSPECTOR Date: 26 DEC00 PAGE:2 OF 3

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URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 26 DEC 00
Day | S | M | T | W | T | F | S |

Other QA Activities and Remarks:

SLC DID EXCAVATE ANOTHER 2' AROUND RADIUS
URS SAMPLED @ THESE LOCATIONS SW1A & SW3A
WILL AWAIT RESULTS NO NEW DEVOLPMENTS TO
REPORT ALL WORK WAS AS PER CONTRACT
today.

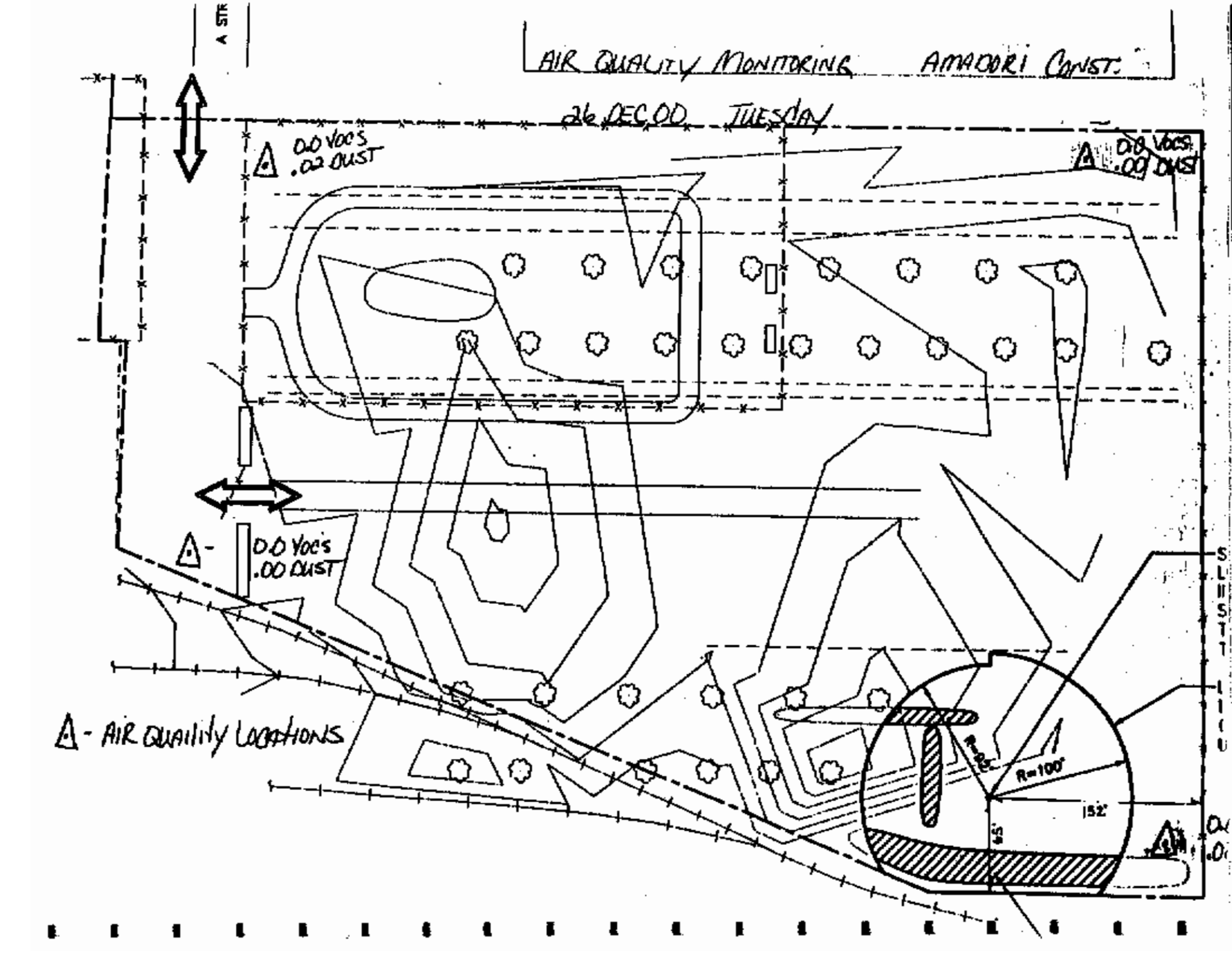
James J Monnin

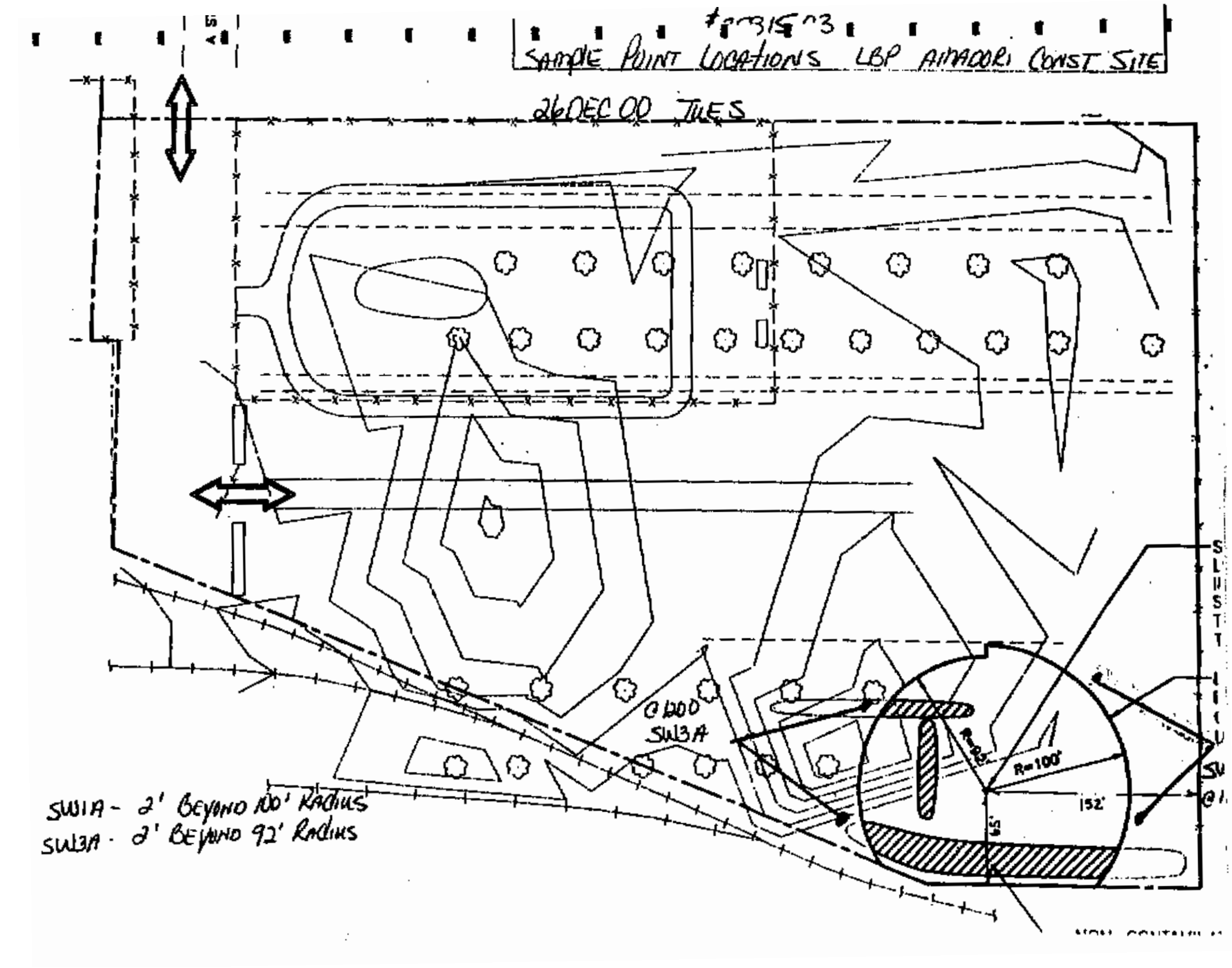
8 HOURS

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 26 DEC 00 PAGE: 3 OF 3

CDusy 1/15/01

01 1000-ADQA_Rpt
12/11/00 10:19 AM


AIR QUALITY MONITORING AMADORI CONST.
26 DEC 00 TUESDAY
0.0 VOC's .02 DUST
0.0 VOCs .00 DUST
0.0 VOC's .00 DUST
A - AIR QUALITY LOCATIONS
R=100'
152'
65'


SAMPLE POINT LOCATIONS LBP AIRPORT CONST SITE
26DEC00 TUES
@200
SW3A
R=100'
152'
SW1A - 2' BEYOND 100' RADIUS
SW3A - 2' BEYOND 92' RADIUS

CHAIN OF CUSTODY RECORD

URS

PROJECT NO.: 35815.03
SITE NAME: AMADORI CONST.
LAB: WISE STREAM
COOLER 1 of 1
PAGE 1 of 1
SAMPLERS (PRINT/SIGNATURE): JIM MONNIN / Jim Monnin
DELIVERY SERVICE: HAND DELIVER AIRBILL NO.: —

TESTS — BOTTLE TYPE AND PRESERVATIVE

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	TOTAL CHROMIUM								REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO.# (OPTIONAL ONLY)
LOP-01	12/6/00	1200	COMP	SW3A	SO	2	1									N	1"	1"	
LOP-02	12/6/00	1230	COMP	SW1A	SO	1	1									N	1"	1"	

MATRIX CODES: AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

QA/QC CODES: TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
Jim Monnin	12/6/00	0800		12/7/00	800
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

SPECIAL INSTRUCTIONS: CALL CHUCK OUSEL (URS) W/RESULTS AS SOON AS POSSIBLE. (716) 856 5636

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-076/CH OF U/c4/CRG/CM

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 27 DEC 00

Day: S | M | T | W (X) | T | F | S

Project:	AMADORI CONST.
Owner:	CITY OF LACK.
Contractor:	BLC
URS Project No.:	35815.03

Weather	Sunny	Clear	Overcast (am) (pm)	Rain	Snow
Temperature °F	<32 (am) (pm)	32-50	50-70	70-85	>85
Wind	Still	Moderate (am) (pm)	High	Report No.	
Humidity	Dry	Moderate (am) (pm)	High	11	

VISITORS:

Time	Name	Representing	Remarks
0800	URS SURVEYORS	URS	CROSS SECTIONS
0915	CHRIS PAWENSKI	ERIE COUNTY	CHECKED ON PROGRESS
1330	DREW SHAPIRO	CITY OF LACK	CHECKED ON PROGRESS

CQC Inspection phases attended and instructions given:

HEALTH & SAFETY MEETING
SLIPS, TRIPS & FALLS
EXSPOSURE (WIND CHILL)
FALLING BRANCHES

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

URS PERFORMED QA INSPECTION ON 27 DEC 00
NO DEFICIENCIES TO REPORT.
SLC IS OBSERVING HEALTH & SAFETY PLAN & FOLLOWING THEIR WORK PLAN.

Oral Instruction given to Contractor (Include names, reactions, and remarks):

ADVISED SLC TO BEGIN BACKFILLING BOTTOM OF EXCAVATION AREA W/ CLEAN VIRGIN SOIL.
ADVISED SLC TO BEGIN TO REMOVE THE 8" - 1' OF SNOW INSIDE 92' - 100' RADIUS SO THAT BACKFILLING CAN BEGIN ON THUR 28 DEC 00

Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 27 DEC 00 PAGE: 1 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 27 DEC 00
Day | S | M | T | W | T | F | S |

Has anything developed regarding the work that might lead to a change order or finding of fact?
(X) No ( ) Yes Describe:

Information on progress of work, causes for delays and extent of delays:
SLOW PROGRESS WAS MADE TODAY
NO DELAYS TO REPORT.

Information, instructions, or actions taken not covered on QCR report, or disagreements:
NONE @ THIS TIME

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
NONE OBSERVED @ THIS TIME

Other QA Activities and Remarks:
URS PROVIDED OVERSIGHT FOR ALL REMEDIAL ACTIVITIES TODAY.
SLC BEGAN BY CUTTING THE LAST COTTONWOOD TREE ON SIGHT.
URS SURVEYORS WERE ON SITE TO CROSS SECTION EXCAVATION AREA.

Prepared By: JAMES MONNIN ENG. INSPECTOR Date: 27 DEC 00 PAGE: 2 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 27 DEC 00
Day S M T W T F S

Other QA Activities and Remarks:

CHRIS PAWENSKI (E COUNTY) WAS ON SITE TO CHECK ON PROGRESS

SLC CONTINUED LOADING THE TREE & REMAINING C&D ON SITE

NO NEW DEVOLPMENTS TO REPORT. ALL WORK WAS AS PER CONTRACT TODAY.

NO AIR QUALITY MONITORING TODAY

SPOKE WITH CHUCK DUSEL & ADVISED HIM OF THE REMEDIATION ACTIVITIES FOR 26 DEC 00 & 27 DEC 00

SLC WILL BEGAN TO BACKFILL THE BOTTOM OF EXCAVATION AREA THUR 28 DEC 00

James J Monnin

8 HOURS

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 27 DEC 00 PAGE: 3 OF 3

C. Dusel 1/15/01

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12/11/00 10:19 AM

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 28 DEC 00

Day	S	M	T	W	T	F	S
				X			

Project: AMADORI CONST.
Owner: CITY OF LACK.
Contractor: BLC
URS Project No.: 35815.03

Weather	Sunny	Clear	Overcast	Rain	Snow
	am pm	am pm	am pm	am pm	am pm
Temperature °F	<32	32-50	50-70	70-85	>85
	am pm	am pm	am pm	am pm	am pm
Wind	Still	Moderate	High	Report No.	
	am pm	am pm	am pm	12	
Humidity	Dry	Moderate	High		
	am pm	am pm	am pm		

VISITORS:

Time	Name	Representing	Remarks
0800	KEVIN GLAZER	DEC	CHECKED ON PROGRESS

CQC Inspection phases attended and instructions given:

HEALTH & SAFETY MEETING
SLIPS. TRIPS & FALLS
TRUCK TRAFFIC
EXSPOSURE

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

URS PERFORMED QA INSPECTION ON 28 DEC 00
NO DEFICIENCIES TO REPORT
SLC CONTINUES TO FOLLOW WORK PLAN

Oral Instruction given to Contractor (Include names, reactions, and remarks):

NONE GIVEN @ THIS TIME

Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 28 DEC 00 PAGE: 1 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 28 DEC 00
Day: S | M | T | W | TH | F | S

Has anything developed regarding the work that might lead to a change order or finding of fact?
~~No~~ Yes Describe:
SWIA - ANALITICAL RESULTS WERE 107ppm. MUST CONTINUE TO EXCAVATE

Information on progress of work, causes for delays and extent of delays:
PROGRESS WAS MADE TODAY
NO DELAYS TO REPORT

Information, instructions, or actions taken not covered on QCR report, or disagreements:
NONE @ THIS TIME

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
NONE OBSERVED @ THIS TIME

Other QA Activities and Remarks:
URS PROVIDED OVERSIGHT FOR ALL REMEDIATION ACTIVITIES ON 28 DEC 00
URS MET W/ KEVIN GLAZER (DEC) AND DISCUSSED WORK PROGRESS & THE ANALITICAL TEST RESULTS ON SWIA & SW32.

Prepared By: JAMES MONNIN ENG. INSPECTOR **Date:** 28 DEC 00

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 28 DEC 00
Day S M T W X F S

Other QA Activities and Remarks:

SLC CONTINUED THROUGHOUT THE DAY TO BACK FILL THE EXCAVATION AREA. STILL AWAITING THE TEST RESULTS FOR SWIA. SO THAT WE CAN DETERMINE EITHER TO BACK FILL THAT AREA OR. CONTINUE TO EXCAVATE. ALL WORK WAS AS PER CONTRACT TODAY.

James Monnin

1319.22 (55) TRUCKS

8 Hours

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 28 DEC 00 PAGE: 3 OF 3

C. Duff 1/15/01

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12/11/00 10:19 AM

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 29 DEC 00

Day: S | M | T | W | T | F | S

Project: AMADORI CONST.
Owner: CITY OF LACK.
Contractor: BLC
URS Project No.: 35815.03

Weather	Sunny	Clear	Overcast	Rain	Snow
	am / pm	am / pm	am / pm	am / pm	am / pm
Temperature °F	<32	32-50	50-70	70-85	>85
	am / pm	am / pm	am / pm	am / pm	am / pm
Wind	Still	Moderate	High	Report No.	
	am / pm	am / pm	am / pm		
Humidity	Dry	Moderate	High	13	
	am / pm	am / pm	am / pm		

VISITORS:

Time	Name	Representing	Remarks
0900	KEVIN GLAZER	DEC	CHECKED ON REMEDIATION PROGRESS

CQC Inspection phases attended and instructions given:

HEALTH & SAFETY MEETING
SLIPS. TRIPS & FALLS
TRUCK TRAFFIC
EXSPOSURE

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

URS PERFORMED QA INSPECTION ON 29 DEC 00.
NO DEFICIENCIES TO REPORT
SLC IS PERFORMING AS PER THEIR CONTRACT

Oral Instruction given to Contractor (Include names, reactions, and remarks):

ADVISED SLC THAT THEY MAY NEED TO EXCAVATE FURTHER PENDING ON ANALITICAL RESULTS ON SWIA
URS HAS ADVISED SLC TO FINISH BACKFILLING & SEEDING
TEST RESULTS ARE < 50ppm.

Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 29 DEC 00 PAGE: 1 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 29 DEC 00
Day S M T W T F S

Has anything developed regarding the work that might lead to a change order or finding of fact?
(✓) No ( ) Yes Describe:

Information on progress of work, causes for delays and extent of delays:
PROGRESS WAS MADE BY SLC ON BACKFILLING EXCAVATION AREA.
ANALITICAL RESULTS FOR SWIA IS THE ONLY DELAY TO REPORT

Information, instructions, or actions taken not covered on QCR report, or disagreements:
NONE @ THIS TIME

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
NONE OBSERVED @ THIS TIME

Other QA Activities and Remarks:
URS PROVIDED OVERSIGHT ON ALL REMEDIAL ACTIVITIES ON 29 DEC 00
SLC CONTINUES TO PERFORM AS PER THEIR CONTRACT.
SLC ALSO SAMPLED THE 55 GALLON DRUM ON 28 DEC 00 THAT IS LOCATED ON SITE. SLC WILL PROVIDE ANALITICAL RESULTS FROM THE 55 GALLON

Prepared By: JAMES MONNIN ENG. INSPECTOR Date: 29 DEC 00 PAGE:2 OF 3

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URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 29 DEC 00
Day S M T W T F S

Other QA Activities and Remarks:

SLC CONTINUED TO FINISH BACKFILLING & SEEDING ON 29 DEC 00
SLC ALSO MULCH AS THEY WERE SEEDING ALL WORK WAS AS PER CONTRACT. NO INCIDENTS TO REPORT WILL RECONVIEN BACK ON SITE 2JAN01 FOR FINAL QA INSPECTION & DECON WORK.

James J Monnin

8 HOURS

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 29 DEC 00 PAGE: 3 OF 3

C. Dusf 1/15/01

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12/11/00 10:19 AM

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT

Date: 02 JAN 01

Day: S M T W T F S

Project: AMADORI CONST.
Owner: CITY OF LACK.
Contractor: SLC
URS Project No.: 35815.03

Weather	Sunny	Cloudy	Overcast	Rain	Snow
	am pm	am pm	am pm	am pm	am pm
Temperature °F	<32	32-50	50-70	70-85	>85
	am pm	am pm	am pm	am pm	am pm
Wind	Still	Moderate	High	Report No.	
	am pm	am pm	am pm		
Humidity	Dry	Moderate	High	14	
	am pm	am pm	am pm		

VISITORS:

Time	Name	Representing	Remarks
1000	URS SURVEYORS	URS	CROSS SECTIONS
1200	CHUCK OUSEL	URS	FINAL INSPECTION
1200	DREW SHAPIRO	CITY OF LACK	FINAL INSPECTION
1300	SCOTT PFOH	SLC	FINAL INSPECTION

CQC Inspection phases attended and instructions given:

HEALTH & SAFETY PLAN
SLIPS. TRIPS & FALLS
EXSPOSURE.

Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:

URS PERFORMED QA INSPECTION ON 02JAN01
NO DEFICIENCIES TO REPORT
SLC IS PERFORMING AS PER THEIR CONTRACT.

Oral Instruction given to Contractor (include names, reactions, and remarks):

ADVISED SLC TO RELOCATE THE 55 GALLON DRUM TO A SECURE AREA & AN AREA THAT WOULD BE EASY TO ACCESS UPON RETURN TO REMOVE DRUM.

Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 02JAN01 PAGE: 1 OF 3

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 02JAN01
Day | S | M | (X) | W | T | F | S |

Has anything developed regarding the work that might lead to a change order or finding of fact?
(X) No ( ) Yes Describe:

Information on progress of work, causes for delays and extent of delays:
No delays to Report.

Information, instructions, or actions taken not covered on QCR report, or disagreements:
None @ this time

Safety (Include any infractions of approved safety plan. Specify corrective action taken):
None observed @ this time

Other QA Activities and Remarks:
URS provided oversight for all activities on 02 JAN 01
All work was done as per contract today. SLC
observed all Health & Safety Issues Today.
Final Restoration was completed today. By SLC
Enviromental all Equipment was deconed as per
Contract

Prepared By: JAMES MONNIN ENG. INSPECTOR Date: 02JAN01 PAGE:2 OF 3

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12/11/00 10:19 AM

URS
Consultants, Inc.

DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: 02 JAN 01
Day S M 30 W T F S

Other QA Activities and Remarks:

SLC did Move the 55 Gallon drum up to the fence to allow for easy access upon their Return to dispose of the drum URS's surveyors were on site to shoot cross sections & sq ft. of seeding & mulching. No incidents to Report. Final Inspection was completed 02 JAN 01 By URS. All was found to be as per contract. SLC enviromental performed excellent on all Remedial activities @ the LBP Amadori Const site.

James J Monnin

8 Hours

Prepared By: JAMES MONNIN ENG.INSPECTOR DATE: 02 JAN 01 PAGE: 3 OF 3

C. Dusy 1/15/01

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12/11/00 10:19 AM

APPENDIX G

INSPECTORS LOG BOOK

Notebook No. 100

PROJECT 35815.03

Continued From Page

12 DEC 00
TUESDAY

10°
HIGH WINDS

0730 URS ARRIVES ON SITE. MADE INTRODUCTIONS TO SLC's SUPERINTENDENT LYLE EMERSON

SLC HAS ONE OPERATOR & ONE LABORER ON SITE

EQUIPMENT ON SITE KOMATSU D37E DOZER & KOMATSU PC220 EXCAVATOR

0800 URS & SLC HAVE SITE MEETING TO DISCUSS ALL ~~REMEDIAL~~ ACTIVITIES HEALTH & SAFETY ISSUES REMEDIAL

0815 HIGH WINDS ARE BAD TODAY. MAKING ANY PROGRESS DIFFULCUT TODAY.

0900 URS & SLC DETERMINE THAT TODAYS ACTIVITIES WILL BE POSTPONED TODAY.

0930 SLC DEPARTS SITE. EQUIPMENT IS MOVED INSIDE FENCED AREA TO SECURE FOR THE DAY.

1030 URSs SURVEYORS ARRIVE ON SITE TO STAKEOUT PROPERTY.
SPOKE WITH CHUCK DUSEL. ADVISED HIM OF WEATHER CONDITIONS & SLCs ACTIVITIES.

1100 URSs INSPECTOR DEPARTING SITE

5 HOURS

Continued on Page

Read and Understood By

Signed: [signature] Date: 12 DEC 00 Signed: Date:

13 DEC 06
WEDS

15°
CLEAR

1100 discuss with DEC Remedial activities for site

1115 (DEC) is satisfied with effort being made

There is a abundance of fines inside excavation area
@ this time all debris is being separated & loaded out.

1230 work continues @ this time all is as per contract.

1300 Chuck Dilse/ arrives on site to check on progress

1400 work continues all is as per contract

1500 Continued loading debris site is being secured for the night

1530 WRS & SLC departing site

18 Hours

Continued on Page

Read and Understood By

Signed Monnie Date 13 DEC 00 Signed Date

PROJECT 35B15.03 Continued From Page 5

14 DEC 00 20°
THUR SNOW

1130 CONTINUING TO CLEAR C&D DEBRIS @ THIS TIME ALL IS AS PER CONTRACT

1300 SLC IS STOCKPILING DEBRIS INSIDE 100' RADIUS & WILL BEGIN TO LOAD OUT

BILL BAKER ON SIGHT FROM WASTE MANGEMENT

ALL C&D IS BEING STOCKPILED INSIDE THE 92'-100' RADIUS TO INSURE THAT NO CROSS CONTEMENATION OCCURS ALL WORK TO THIS POINT IS AS PER CONTRACT.

1400 DAVE FROST FROM NEI ON SIGHT DISCUSSED ACCEPTABLE C&D W/ SLC

SPOKE WITH CHUCK DIASE ABOUT 55 GALLON DRUM THAT WAS LOCATED INSIDE 92'-100' RADIUS. HE WILL CALL OEC & GET BACK IN TOUCH W/ MYSELF

1430 CONTINUING TO SIZT THROUGH C&D @ THIS TIME ALL IS AS PER CONTRACT.

SLC WILL PROVIDE AIR MONITORING EQUIPMENT & QUALIFIED AIR MONHOR TECH FOR 15 DEC 00 THIS IS IN THEIR WORK PLAN

1500 BEGINNING TO SECURE SIGHT FOR THE NIGHT TOOK PICTURE OF 55 GALLON DRUM ON SIGHT DRUM WAS MOVED TO SOUTH WEST AREA OF SIGHT.

Continued on Page 7

Read and Understood By

Signed	Date	Signed	Date
[signature]	14 DEC 00		

PROJECT 35815.03 Continued From Page

15 DEC 00 13°
FRI CLEAR

0700 URS & SLC ON SITE BEGINNING to Cut Cottonwood TREES had SAFETY MEETING.
55 Gallon drum was put in a overpack drum Last night by SLC.

SLC still continues to seperate C&D DEBRIS @ this time
ALL WORK to this Point is AS PER CONTRACT.

0815 Brown TRUCKING IS ON SITE TO BEGIN HAULING C&D DEBRIS off SITE
SLC has directed Brown TRUCKING to LINE the TRUCKS & STAY OUTSIDE CONTAMENATED AREA
All WORK @ this time IS AS PER CONTRACT.

0830 BILL BAKER FROM WASTE MANGEMENT ARRIVES ON SITE FOR INSPECTION OF C&D REMOVAL

0900 SCOTT Pfohl & JOHN KUHN FROM SLC ARRIVE ON SITE WE DISCUSSED REMEDIAL ACTIVITIES FOR SITE
ALSO DISCUSSED PLACING A DECON PAD ON SITE.
SLC IS MAKING GOOD EFFORTS ON Complying With their WORK PLAN

0930 SPOKE W/ CHUCK MUSEL (URS) AND ADVISED HIM of the PROGRESS TO DATE

1000 KEVIN GLAZER (DEC) ARRIVES ON SITE WE DISCUSSED the SITE ACTIVITIES AND ALSO the 55 Gallon drum that WAS LOCATED ON SITE he IS SATISFIED With Efforts BEING MADE

Continued on Page 10

Read and Understood By

Signed 15 DEC 00 Signed Date

Date

PROJECT 35815.03 Continued From Page

18 DEC 00 15°
MON HIGH WIND

0700 SLC & URS ON SITE

0730 BEGINING TO LOAD C&D IN SOUTH WEST AREA OF SITE ALL IS AS PER CONTRACT
LCA DEVOLPMENT TRUCKING ON SITE TO HAUL C&D

0800 CONTINUING TO LOAD C&D @ THIS TIME ALL IS AS PER CONTRACT
NEED TO DETERMINE HOW TO KEEP GRADE AS WE EXCAVATE SOIL

0830 SLC IS BRING ANOTHER DOZER ON SITE TO HELP WITH SOIL EXCAVATION
ALL IS AS PER CONTRACT.

0900 SPOKE WITH SCOTT PFOHL SURVEYORS WILL COME BACK AND STAKE OUT EXISTING GRADE.
ALL IS AS PER CONTRACT

0930 SCOTT PFOHL WILL MAIL COPIES OF SCALE TICKETS TO URS
SLC HAS ANOTHER HOE OPERATOR ON SITE TO HELP WITH ACTIVITIES

1000 GREG SUTTON ON SITE FROM DEC TO CHECK ON REMEDIAL ACTIVITIES
LOADING C&D CONTINUES TO THIS POINT ALL IS AS PER CONTRACT

Continued on Page 2

Read and Understood By

Signed	Date	Signed	Date
[signature]	18 DEC 00		

PROJECT 33815.03 Continued From Page 12

18 DEC 00 15°
MON WINDY

1400 TEMPORARY FENCE IS BEING SET INTO PLACE ALONG ACCESS ROAD BY SMOKES CREEK LAST TRUCK IS BEING LOADED @ THIS TIME SLC IS PERFORMING AS PER CONTRACT.

1500 SLC IS BEGINING TO SECURE SITE FOR THE EVENING ALL WORK WAS AS PER CONTRACT TODAY NO INCIDENTS TO REPORT

1530 URS & SLC DEPARTING SITE

James J Monnier

255.97
~~220.80~~ TONS OF C&D

8 HOURS

Continued on Page

Read and Understood By

J Monnier 18 DEC 00

Signed Date Signed Date

PROJECT 35015.05 Continued From Page 14

19 DEC 00 20°
TUES OVERCAST

1100 WORK CONTINUES @ THIS TIME ALL IS AS PER CONTRACT
BILL BAKER (CID) ON SITE

1115 DREW SHAPIRO (CITY OF CALK) ON SITE TO CHECK ON PROGRESS
ASSURED HIM ALL IS AS PER CONTRACT

1200 PROGRESS IS BEING MADE TO THIS POINT
NEED TO FIND OUT WHAT TO DO WITH EXSISTING FOUNDATION INSIDE CONTAMENT AREA PUT A CALL INTO CHUCK DUSEL (URS)

1300 WORK CONTINUES ALL IS AS PER CONTRACT
SLC IS PERFORMING VERY WELL
LCA TRUCKING CONTINUES TO HAVE TRUCKS ON SITE & WAITING

1330 WILL LEAVE FOUNDATION IN PLACE INSIDE 92'-100' RADIUS.
STORM FRONT HAS MOVED IN HASNT EFFECTED PROGRESS TO THIS POINT.
ALL IS AS PER CONTRACT.

1400 WORK CONTINUES THROUGH WEATHER CONDITIONS
KEVIN GLAZER (DEC) ON SITE TO CHECK ON PROGRESS

1500 PREPARING TO SECURE SITE FOR THE NIGHT ALL WORK WAS AS PER CONTRACT TODAY

1530 URS & SLC DEPARTING SITE 8 HOURS

Continued on Page

Read and Understood By 3

J Monnin 19 DEC 00 343.98 TONS
Signed Date Signed Date

PROJECT 35815.05 Continued From Page 16

20 DEC 00 20°
WEDS SUNNY

1300 NO NEW DEVELOPMENTS @ THIS TIME WORK CONTINUES
AIR MONITORING IS BEING DONE BY SLC.
SLC IS FOLLOWING THEIR WORK PLAN.

1400 SLC HAS LOADED (1) DUMPSTER OF TIRES A/SO
(1) COTTONWOOD TREE IS STILL STANDING THEY NEED
TO PULL (2) STUMPS LEFT IN THE GROUND

1430 URS WILL BE SAMPLING EXCAVATION AREA 21 DEC 00
& DELIVERING SAMPLES TO WASTE STREAM.

1500 SLC IS PREPARING TO SECURE SITE FOR THE
NIGHT ALL WORK TODAY WAS AS PER CONTRACT
NO INCIDENTS TO REPORT

1530 URS & SLC DEPARTING SITE

448.95 TONS 8 HOURS

Continued on Page

Read and Understood By

Signed 20 DEC 00 Date Signed Date

PROJECT 3585.03

Continued From Page 18

21 DEC00 THURS

20° SUNNY

1300 STOCKPILED SOIL SHOULD BE ALL REMOVED FROM SITE TODAY.
SLC HAS PROVIDED URS W/ DAILY CONST REPORT 12 DEC00 - 15 DEC00

1330 LCA TRUCKING HAS (4) TRUCKS ON SITE @ THIS TIME TO FINISH LOADING CONTAMENATED SOIL

1400 TOOK PICTURES OF EXCAVATION ARE FACING WEST. EAST SOUTH & NORTH WILL ENTER INTO PHOTO LOG
SLC STILL HAS (1) COTTONWOOD TREE STANDING ALSO THEY NEED TO REMOVE STUMPS FROM (2) FALLEN TREES
SLC ALSO HAS C&D LEFTED ON SITE.

1415 SLC HAS PROVIDED URS W/ SCALE & MANIFEST TICKETS TO SHOW SOIL & C&D REMOVAL

SLC IS CONTINUING LOADING SOIL TO THIS POINT ALL IS AS PER CONTRACT THERE WERE NO INCIDENTS TO REPORT

1500 SLC PREPARING TO SECURE SITE FOR THE NIGHT. (2) TRUCKS LEFT TO LOAD OUT.

1530 URS & SLC DEPARTING SITE

[signature]

8 HOURS

Continued on Page

Read and Understood By

[signature] Signed 21 DEC00 Date Signed Date

PROJECT 32015.03 Continued From Page 20

22 DEC 00 13°
FRI SNOW

1230 SLC IS PREPARING TO SECURE SITE FOR HOLIDAY WEEKEND ALL WORK TODAY WAS AS PER CONTRACT.
HEAVY SNOW HAS DELAYED REMOVING (FALLING) (1) REMAINING TREE ON SITE.
ALL HEALTH & SAFETY ISSUE WERE OBSERVED

1300 SLC DEPARTING SITE

1330 URS DEPARTING SITE

* NOTE: SPOKE WITH CHUCK DUSEL (URS) HE ADVISED ME THAT THE ANALYTICAL RESULTS ON SW1 & SW3 WERE > 50ppm & THAT WE NEEDED TO CONTINUE EXCAVATION BEYOND 100'φ 92' RADIUS ANOTHER 2' WILL BEGIN ON TUE 26 DEC 00.

RESULTS:
SW1 - > 155 ppm
SW2 - 38 ppm
SW3 - 72 ppm
BB1 - < 50 ppm

EST 512.33 8 Hours
SOIL REMOVED

Continued on Page

Read and Understood By

Signed 22 DEC 00 Date

Signed Date

PROJECT 35815.03 Continued From Page

27 DEC 06 20° OVERCAST
WEDS

0700 URS & SLC ON SITE

0730 URS LEAVING SITE TO DELIVER Sample #'s SW1A & SW3A TO WASTE STREAM

0815 URS HAS RETURNED TO SITE. URS'S SURVEYORS ARE ON SITE TO COMPLETE CROSS SECTIONS

SLC HAS CUT DOWN CONTAMINATED TREE & IS CLEANING UP THE DEBRIS

0915 URS SURVEYORS HAVE DEPARTED SITE ALL WORK TO THIS POINT IS AS PER CONTRACT

1000 SLC HAS MADE MENTION THAT THEY ARE CONCERNED THAT THEY WONT GET PAID FOR EXTRA EXCAVATION DONE. I ADVISED SCOTT PFOHL TO CALL CHUCK DUSEL

URS HAS AUTHORIZED SLC TO ORDER & BEGIN TO BACK FILL BOTTOM ON THURS 28 DEC 06
URS HAS RECIEVED VERIFICATION THAT SOIL IS CLEAN * ATTACHED COPIES TO DAILY INSP REPORT FOR 27 DEC 06

1030 SLC CONTINUES TO LOAD TREE INTO DUMPSTERS @ THIS TIME
ALL WORK IS AS PER CONTRACT

Continued on Page 25

Read and Understood By

Signed Date Signed Date

28 DEC 06

PROJECT 35815.03 Continued From Page

28 DEC 00 3°
THURS CLEAR

0700 URS & SLC ON SITE

0730 SLC BEGAN LOADING REMAINING C&D INTO ON SITE DUMPSTERS

0800 LCA TRUCKING ON SITE TO BEGIN DUMPING CLEAN SOIL (10)

KEVIN GLAZER (DEC) ON SITE TO CHECK ON REMEDIATION ACTIVITIES KEVIN ASKED FOR URS TO CALL WHEN ANALYTICAL RESULTS COME BACK TODAY @ 870-1416.

0830 SLC BEGINNING TO BACK FILL BOTTOM OF EXCAVATION AREA

AWAITING CALL FROM CHUCK OUSEL FOR THE ANALYTICAL RESULTS.

0930 SLC CONTINUES TO BACK FILL @ THIS TIME ALL WORK IS AS PER CONTRACT @ THIS TIME. VERY COLD CONDITIONS TODAY. SOME C&D STILL REMAINS ON SITE. SLC HAS NOT SAMPLED THE 55 GALLON DRUM LOCATED ON SITE TO DATE. (DEC) AUTHORIZED THE USE OF STOCKPILED SOIL LOCATED ON SITE FOR BACK FILL BUT THERE IS NO VERIFICATION THAT SOIL IS CLEAN WILL CHECK WITH CHUCK OUSEL

Continued on Page 27

Read and Understood By

J Monnin 28 DEC 00
Signed Date Signed Date

PROJECT 35015.03 Continued From Page 2

28 DECOD 110°
THURS CLEAR

1430 SPOKE WITH CHUCK OUSEL & WASTE STREAM IS RE ANALIZING SWIA.
SLC CONTINUES TO BACK FILL @ THIS TIME.
ALL WORK IS AS PER CONTRACT.

1500 SLC IS PREPARING TO SECURE SITE FOR THE NIGHT.

1530 URS & SLC DEPARTING SITE

55 Loads
1319.22 Soil RETURNED

8 HOURS

Continued on Page

Read and Understood By

Signed 28 DECOD Signed Date

Date

PROJECT 32015.00 Continued From Page 27

29 DEC 00 FRI

70° CLEAR

1230 SLC IS CONTINUING TO BACK FILL @ this time.
SLC IS SEEDING & COVERING SEED W/ HAY.

1330 THE LAST (3) LOADS ARE ON THE WAY TO FINISH BACKFILLING.
SEEDING & MULCHING IS ALMOST COMPLETE @ this time
PICTURES WERE TAKEN OF EXCAVATION AREA TO SHOW BACKFILLING & SEEDING

1430 BACKFILLING IS COMPLETE @ this time
SLC CONTINUES TO SEED & MULCH.
ALL WORK WAS AS PER CONTRACT.

1500 SLC IS PREPARING SITE FOR THE WEEKEND
SLC & URS WILL RETURN TUE 02 JAN 01 TO FINISH FINAL DECON, RESTORATION & DEMOBILIZATION

1530 SLC & URS DEPARTING SITE

James J Monnin

596.28
SOIL RETURNED 1939.89

8 HOURS

Continued on Page

Read and Understood By

J Monnin 29 DEC 00

Signed Date Signed Date

PROJECT 35815.02 Continued From Page 21

02 JAN 01 10°1
TUE CLEAR

0930 SLC CONTINUES WORK @ THIS TIME ALL IS AS PER CONTRACT.

1000 URS SURVEYORS ON SITE TO DO FINAL CROSS-SECTIONS TO VERIFY SOIL REMOVED & BACKFILLED & SEEDING & MULCHING. S&A

SLC WILL BE RELOCATING THE 55 GALLON DRUM SO THAT UPON RETURN IT WILL BE EASY TO ACCESS.

1045 URS SURVEYORS DEPARTED SITE THEY WILL PROVIDE SLC WITH SURVEY.

SLC HAS DECONED THEIR EQUIPMENT AS PER CONTRACT.

URS WILL ADVISE SLC TO REINSTALL JERSY BARRIERS UPON DEPARTURE FROM SITE

1100 STANLEY RENTAL CO IS ON SITE TO PICK UP THEIR EQUIPMENT @ THIS TIME.

1130 SEEDING & MULCHING IS COMPLETE @ THIS TIME SLC WILL CONTINUE TO DECON & SITE RESTORATION THIS AFTERNOON

Continued on Page

Read and Understood By

Signed Date Signed Date

02JAN01

PROJECT 35815.03 Continued From Page 32

02 JAN 01 15° CLEAR
TUE

1200 AWAITING ARRIVAL OF CHUCK DUSEL (URS) SCOTT PFAHL (SLC) & DREW SHAPIRO (CITY OF LACK)

1215 CHUCK DUSEL & DREW SHAPIRO ARRIVE ON SITE FINAL INSPECTION WAS DONE @ THIS TIME.

1300 SCOTT PFAHL (SLC) ON SITE DISCUSSED REMEDIAL ACTIVITIES

1400 SLC IS PREPARING TO DEMOB FROM SITE @ THIS TIME.
THIS JOB AMADORI CONST IS NOW COMPLETE

1500 URS & SLC DEPARTING SITE @ THIS TIME

Continued on Page

Read and Understood By

Monica 02 JAN 01
Signed Date Signed Date

APPENDIX H

PHOTOGRAPHS

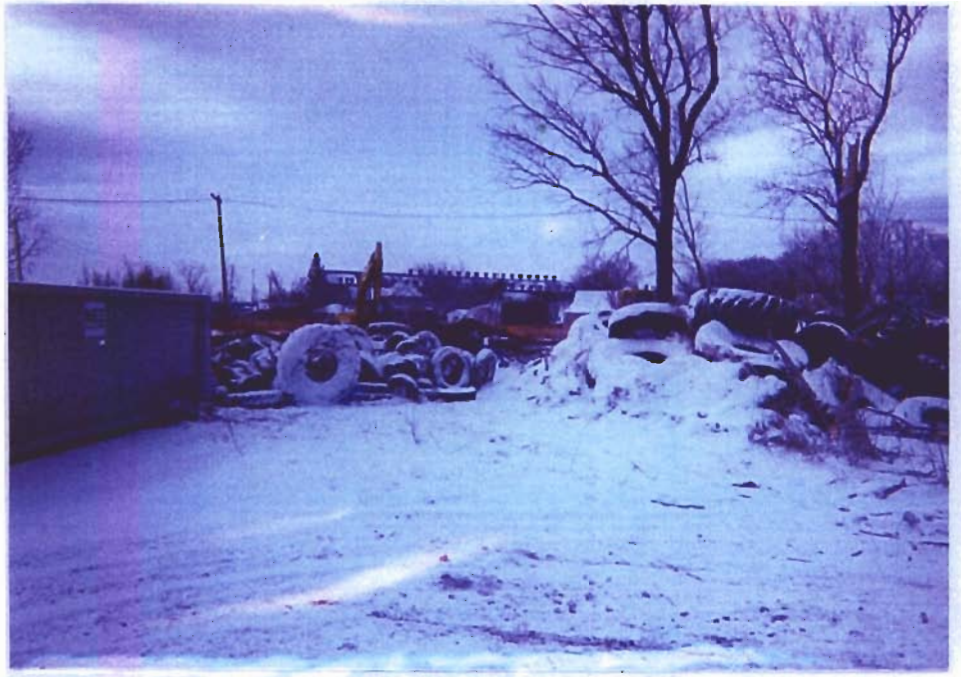
1996 Clean Water/Clean Air
Bond Act
CREEKSIDE COMMERCIAL CORRIDOR
CITY of LACKAWANNA
George E. Pataki, Governor
John P. Cahill, Commissioner
JOHN J. KURTAK, Mayor
Drew B. Shapiro, Project Coordinator
SLC
ENVIRONMENTAL SERVICES
CONSTRUCTION ENTRANCE
HARD HATS & SAFETY GLASSES REQUIRED!

Center Plastics
1-800-767-0777
STOCK# PPV840-000

20th [redacted]tury [redacted]tics
1-800-767-0777
STOCK# PPV840-000

20th Century Plastics
1-800-767-0777
STOCK# PPV840-000

20t tury tics
1-800-767-0777
STOCK# PPV840-000



20th Century Optics
1-800-767-0777
STOCK# PPV840-000

20th[redacted]tury[redacted]ics
1-800-767-0777
STOCK# PPV840-000

APPENDIX I

DEED RESTRICTION

[redacted]

ERIE COUNTY CLERKS OFFICE
County Clerk's Recording Page

Return To:

CITY OF LACKAWANNA
714 RIDGE RD.
LACKAWANNA, NY 14218

Index DEED LIBER

Book 11005 Page 1553

No. Pages 0003

Instrument RESTRICT COVNNT

Date : 4/26/2002

Time : 11:17:27

Control # 200204260267

CITY OF LACKAWANNA

Employee ID DWM

COUNTY	$	15.00
OE STATE	$	4.75
OE COUNTY	$	.25
	$	.00
	$	.00
	$	.00
	$	.00
	$	.00
	$	.00
Total:	$	20.00

TATE OF NEW YORK
ERIE COUNTY CLERKS OFFICE

ARNING - THIS SHEET CONSTITUTES THE CLERK'S ENDORSEMENT, REQUIRED BY SECTIONS 319&316-a '5) OF THE REAL PROPERTY LAW OF THE STATE OF EW YORK. DO NOT DETACH. THIS IS NOT A BILL.

DAVID J SWARTS
COUNTY CLERK

D110051553

RESTRICTIVE COVENANT
IN FAVOR OF THE STATE OF NEW YORK AND NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Made this 23rd day of April, 2002.

This restriction shall be construed as a restrictive covenant running with the land which was conveyed in a deed from County of Erie to City of Lackawanna, recorded in liber 10909 of Deeds at page 7768 on December 2, 1996, and was subsequently divided leaving a 8.12 acre site, SBL Number 141.20-1-2.11 and more particularly described as:

All that Tract or Parcel of Land situate in the City of Lackawanna, County of Erie and State of New York and being a part of Lot No. 22, Township 10, Range 8 of the Buffalo Creek Reservation, bounded and described as follows:

> Beginning at a point 158.785 feet south of the Dona Street right-of-way and located on the "A" Street west right-of-way; thence southerly along the westerly right-of-way of "A" Street a distance of 187.85 feet to a point; thence easterly a distance of 19.84 feet to a point; thence southerly a distance of 145.34 feet to a point; thence south easterly a distance of 637.46 feet to a point located on the north right-of-way of the South Buffalo Railway; thence easterly along the South Buffalo Railway right-of-way a distance of 193.65 feet to a point; thence northerly along the westerly line of property owned by the County of Erie a distance of 533.03 feet to a point; thence westerly a distance of 800.06 feet to a point, and thence northerly a distance of 30.00 feet to the point of beginning.

The real property conveyed herein by this deed has been investigated and remediated in accordance with the terms and conditions of the "Environmental Restoration Program" established under the 1996 Clean Water/Clean Air Bond Act, as set forth in title 5 of article 56 of the New York State Environmental Conservation Law ("ECL") and its accompanying regulations, and is subject to the terms and conditions set forth in such laws and regulations. This real property is further subject to the terms and conditions of the following State Assistance Contract entered into by the City of Lackawanna ("Municipality") and the New York State Department of Environmental Conservation ("NYSDEC"):

an **investigation**, State Assistance Contract ("SAC") No. C300724,
a **remediation** State Assistance Contract ("SAC") No. C301632.

Additionally, the real property is subject to the terms and conditions of a Record of Decision (ROD) relating to the investigation of the real property, as prepared by NYSDEC dated March, 1999, and on file in the Region 9 – Buffalo office of the NYSDEC.

The Grantor agrees to the following conditions with respect to the use of the real property described herein:

(a) the property shall not be used for any purpose other than the following: commercial/industrial uses contained within buildings, parking, streets, or public safety facilities, without prior written approval by the NYSDEC.

(b) the Municipality and successors in title shall implement the following engineering controls over the property:

(i) any proposed soil excavation from the site (such as for foundations, utilities etc.) may be placed on the site as fill, graded and covered with topsoil and seeded as described in item ii below. Site soil that is excavated and is intended to be removed from the property must be managed, characterized, and properly disposed of in accordance with NYSDEC regulations and directives; and

(ii) any soil on the property that is not covered by an impervious product such as concrete, asphalt or structures must be covered with a layer of clean soil and this soil layer must be vegetated and maintained by the RDO.

(c) the Municipality and successors in title shall submit to the NYSDEC, an annual report which certifies that the above institutional/engineering controls remain in place.

The Grantor hereby declares that the real property described herein and being conveyed by this instrument shall be held, sold and conveyed subject to each and every term, covenant, condition and restriction set forth in the aforementioned law, regulations, contracts and ROD. All such terms, covenants, conditions and restrictions shall constitute covenants that shall run with the land and shall be binding on all parties including heirs, successors, and assigns having any right, title or interest in this real property, or any part thereof, and may not be released or modified without the prior written approval of the NYSDEC. The Grantor further declares that any use or occupancy of the real property conveyed herein by this deed is limited to uses identified up above. Any "change in the use" which includes, but is not limited to, construction on or conveyance of the real property, is defined in ECL 56-0511 (3)(i), and is subject to the requirements set forth in section 56-0511 of the ECL, which requirements minimally include the prior notice and approval of NYSDEC, or its successor. The Grantor additionally promises that every deed, subsequent to this deed shall contain this restrictive covenant and all subsequent owners shall be deemed to covenant by acceptance of a deed to be bound by these restrictive covenants. The Grantor also declares that the State of New York, NYSDEC, as well as its successors or assigns, shall be entitled to enforce the terms of this restrictive covenant.

THIS IS A CORRECTION TO A COVENANT FILED DEED LIBER 10978 PAGE 9284 ON MARCH 30, 2001.

John J. Kuryak, Mayor
City of Lackawanna

4/23/02
Date

STATE OF NEW YORK)
COUNTY OF ERIE) ss:

On the 23 day of April, in the year 2002, before me, the undersigned, a notary public in and for said state, personally appeared John J. Kuryak, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual or the person upon behalf of which the individual acted, executed the instrument.

Patricia A. Deren
Notary Public

PATRICIA A. DEREN
NOTARY PUBLIC, STATE OF NEW YORK
QUALIFIED IN ERIE COUNTY
My Commission Expires March 9, 2006

APPENDIX I

ANNUAL CERTIFICATION
OF
INSTITUTIONAL/ENGINEERING CONTROLS
AT BROWNFIELD SITE

Annual Certification of
Institutional/Engineering Controls
at Brownfield Site

Site Number: B00080-9
Site Name: Lackawanna Business Park
Site Address: 2560 Hamburg Turnpike (NYS Route 5), Lackawanna, New York

County: Erie County
Town: City of Lackawanna
Property ID: (from Tax Assessment Map)

Section:_____ Block: _____ Lot(s):_____

I (name) , residing at (address) ,
as owner, or a duly authorized representative, of the property(ies) listed above which are located wholly or partially within the boundaries of the Brownfields Site named above; do certify that the engineering and/or institutional controls, as specified in the Restrictive Covenant, are in-place and functioning as designed within the property(ies) listed above.

Signature:_____

(This area for notary public)

STATE OF NEW YORK, COUNTY OF ERIE, ss:

I, DAVID J. SWARTS Clerk of said County, and also Clerk of Supreme and County Courts of said County, do hereby certify that I have compared the annexed copy with the original, Restrictive Covenant filed in my office and that the same is a correct transcript therefrom and of the whole of said original.

WITNESS my hand and seal of said County and Courts on..... day of.....19.....

APR 2 5 2002

David J. Swarts
COUNTY CLERK