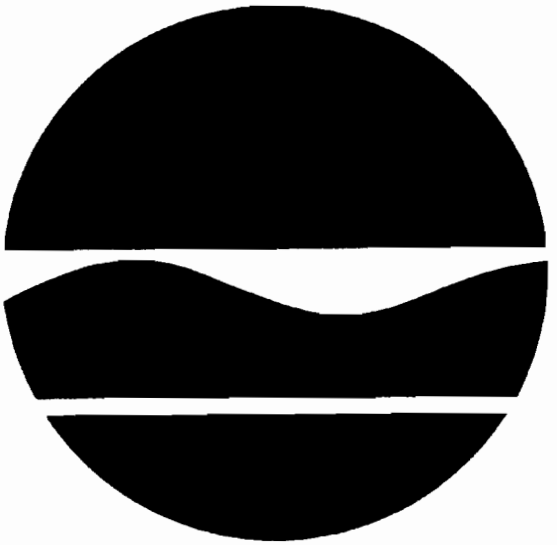
4.7.2 Final Report

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

REMEDIATION SUMMARY REPORT

OSWEGO CASTINGS SITE
CITY OF OSWEGO, OSWEGO COUNTY
CONTRACT NO. D004283
SITE NO. 7-38-033 (002)



January 2002

New York State Department of Environmental Conservation
GEORGE E. PATAKI, *Governor* ERIN CROTTY *Commissioner*

LIST OF TABLES

Table

EXECUTIVE SUMMARY

The New York State Department of Environmental Conservation's (NYSDEC) Bureau of Construction Services provided construction management and NYSDEC's Region 7 Office provided construction inspection during the yard and buildings operable unit 2 project at the Oswego Castings site (NYSDEC Site No. 7-38-033), Oswego, New York. This included full-time inspection and monitoring of remedial activities to ensure conformation with contract documents. Remediation work commenced on July 16, 2001, and substantial completion of the project was accomplished by November 28, 2001.

The remediation activities completed at the site under this project included excavation and consolidation of sediments and soils into the former cooling water pond, installation of a concrete cap over the yard area, excavation of a new pond, installation of four monitoring wells and site restoration. The contractor also encountered a former fuel oil line not shown on the plans and was tasked to investigate some roof leaks which might have resulted from an interim remedial measure conducted previously at the site.

Remediation was performed by Abscope Environmental, Inc. of Canastota, New York. Abscope was selected through competitive bidding to perform the work. Abscope submitted the lowest of 4 bids at $419,675.00. The engineer's estimate for the work was $400,329.90. A copy of the bid tabulation is included in Table 2.

There was a change order for removal of 2 drums left behind from the yard area investigation, excavation of the footers for the debarker, removal of fuel contaminated soil and debris, regrading of the completed sub-base and modifications to existing doors to account for the slab interfering with the operation of the doors, replacement of the computer for the resident inspector, additional stone cover in the area of the former landfill, removal of excess contaminated materials which would not fit under the slab and could not be placed in the former cooling water pond, additional costs for pressure testing and disinfection of the water line, additional costs for site restoration and investigation of roof leaks. The change order also adjusted unit price quantities based on actual measurements for payment. The final contract amount was $507,960.37. Table 3 depicts a breakdown of the final contract price by task.

Construction was completed in accordance with the contract documents entitled *Contract*

Documents, Oswego Casting Site, Operable Unit Number 2, Yard and Buildings (NYSDEC March 1, 2001).

1.0 SITE BACKGROUND

1.1 LOCATION

The Oswego Castings site is a Class 2 site listed in the Registry of Inactive Hazardous Waste Disposal Sites in New York State. The site is approximately 10 acres in size (out of an overall property size of 23 acres) and is located on Mitchell Street in the City of Oswego, Oswego County. The site is located in a residential/commercial area.

1.2 HISTORY

Oswego Castings, Inc., a subsidiary of Oberdorfer Foundries, Inc., operated an aluminum die casting facility at the site from 1956 to 1986, after which time foundry operations were discontinued and the equipment removed. During the operation of the foundry, the disposal of core sands and foundry wastes occurred behind the manufacturing buildings. In addition, PCBs were present in wastes discharged to the ground surface near the wetland via process line/septic tank discharge line. PCBs were present in the wastes and in surface soils and sediments at the site above 50 ppm. It is believed that the PCBs were introduced into the process from leaks in hydraulic equipment and from core sand binders and coatings applied to core sand surfaces. Before they were banned in 1977, PCBs were used in high temperature hydraulic fluids and casting agents because of their desirable heat resistant properties.

After the facility closed, PCBs were detected at the site during an investigation performed by a prospective buyer. Preliminary investigations of the facility were then performed by Oberdorfer Foundries starting in June 1988, which identified the presence of PCBs above the hazardous classification of 50 ppm. Based on these investigations, the facility was designated as a class 2 inactive hazardous waste site in June of 1989. Subsequently, the responsible party (PRP) and the Department completed a remedial investigation/feasibility study (RI/FS).

The selected remedy included:

- Removal and off-site disposal of surface soils and sediments contaminated with PCBs above 1 ppm.

- Removal and off-site disposal of subsurface soils and sediments contaminated with PCBs above 10 ppm.

- Remaining foundry wastes in the former landfill area containing PCBs below 10 ppm were to be consolidated and covered with a geotextile and stone cover.

The Record of Decision was signed on March 28, 1997.

The Department competitively bid a construction contract to implement the remedy and the majority of the contaminated soils and sediments identified in the RI/FS were removed from the site. However, it was discovered that the contamination extended under the sawmill building and across the yard area. Additionally, the water in the cooling water pond exceeded discharge limits and could not be pumped directly to the downstream wetland without treatment. These discoveries greatly increased the scope of work and, therefore, the Department decided to address these areas in a second construction contract.

In between construction contracts, the Department conducted an interim remedial measure to remove contaminated ballast from the facility roof, since it was suspected that elevated PCB levels in the cooling water pond were the result of discharges from the roof drains.

2.0 SUMMARY OF REMEDIAL WORK

2.1 GENERAL OVERVIEW

A pre-construction conference was held at the site on July 12, 2001. In attendance were Michael Cruden, NYSDEC's Project Manager, John May, NYSDEC Construction Inspector, Rob Gray, Abscope's Project Manager and representatives of Great Lakes Veneer and Murphy Contracting. Notice to Proceed was granted on July 16, 2001.

Abscope mobilized to the site, providing an office trailer with electrical power, telephone and fax services and a project sign. Rick Den Haese was assigned as site superintendent by Abscope. The site superintendent was responsible for supervising Abscope's field personnel and subcontractors engaged in site operations, and assisting Rob Gray in project management activities. Site surveying was performed by Russell Getman of Oswego, New York. A complete list of subcontractors is included as Table 1.

2.2 HEALTH AND SAFETY

Abscope subcontracted with O'Rourke, Inc. to prepare a site specific health and safety plan and provide a health and safety technician during work at the site. O'Rourke, Inc. was responsible for conducting safety meetings, personal and perimeter air monitoring. Documentation air monitoring results are included in Appendix B.

The level of protection for workers for the majority of the work performed on-site was Modified Level D, which required the donning of safety glasses, rubber overboots, and gloves; in addition to the typical level D protection (field clothes, hard hats and steel toe boots).

Abscope constructed a decontamination pad. Certificates of decontamination were prepared for equipment decontamination and signed by the site health and safety officer.

Abscope maintained site security in accordance with the contract.

2.3 PRE-EXCAVATION SAMPLING

The sediment of the existing downstream pond was sampled to confirm the proposed extent of the removal figure 3 of the contract documents. Based on the results it was apparent that virtually all of the sediments in this existing pond was contaminated with PCBs in excess of 1 ppm. Also, samples at the northern edge (in the direction of the proposed grading for the new pond) of the proposed removal also exceeded 1 ppm.

Additional sampling was conducted with the understanding that 1) sediments needed to be sampled to confirm if above or below 1 ppm to determine if they had to be buried in the cooling water pond and 2) the proposed foot print of the new pond would not be increased. No sample results exceeded 10 ppm. All results are included in Appendix C.

2.4 SOIL AND OTHER MATERIALS HANDLING

2.4.1 WATER AND SANITARY SEWER LINES

The water and sanitary sewer lines were installed according to the specifications. The water line initially failed the pressure test due to the misuse of gaskets, but eventually passed. The water line was properly disinfected. Great Lakes Veneer had Abscope install a fire hydrant on the end of the water line at their own cost. The majority of the manhole at the end of the sanitary sewer line was pumped full of concrete to eliminate it acting like a sump (i.e., the majority of the volume of the

manhole was not needed to house a terminal end of a sewer line).

2.4.2 PONDS

The new pond was excavated and surveyed following the sediment sampling. Excess clean materials were placed along the western edge to build up that embankment. The roof drain was dye tested by the Department to determine the correct discharge pipe. The specifications required the existing roof drain discharge be extended over to the cooling water pond overflow pipe, which is not feasible due to the different elevations. Therefore, the existing discharge was extended across the former cooling water pond to daylight in the new pond allowing for gravity flow. The line was routed along the undisturbed bank of the pond to minimize settling adjacent to the pipe (considering much of the backfill could not be compacted due to the nature of the materials and high moisture content during draw down of the pond).

The former cooling water pond was pumped into the new pond with appropriate sediment and turbidity controls. The pond was pumped down until one foot of water remained and then it was backfilled with stockpiled materials form the yard area and sediment removal.

Great Lakes Veneer requested that the Department attempt to have the final elevations of the former cooling water pond match the surrounding elevations as much as practical. The pond was backfilled with the intent of maintaining at least one foot of clean cover. Although Great Lakes was dissatisfied with the unstable fill in this area, it was always the Department's intention that the area would settle and firm up over time due to the nature of the materials placed there (i.e., sediments, high moisture content, etc.).

2.4.3 AREA A

Abscope removed "known clean" and "nearly clean" materials from area A and a portion of area C prior to regrading, installing sub-base, forming, reinforcing and pouring the first section of the slab. During this time period, Abscope also excavated for the support footings for the debarker in area B (note that Great Lakes Veneer was responsible for pouring the concrete for the footers). At the pre-construction conference, the concrete subcontractor requested a no cost substitution to use one layer of 6 gauge, 6 x 6 reinforcing mesh placed on 3" chairs. This stiffer wire would help minimize the reinforcement falling off or through the chair supports and ending up at or near the bottom of the slab.

Delays in obtaining properly coated dowels caused Abscope to fall behind schedule and, ultimately, to reduce the area of the first pour by eliminating the section north of the sawmill building.

Abscope did not have enough of the dowels to complete the entire pour. This section was covered with plastic to protect from accumulating sawdust.

Support structure for Great Lakes process equipment and a chunk of concrete protruding from the existing building were isolated with expansion joint material prior to the pour. The initial pour was performed on September 6, 2001 and the joints were caulked September 27. It was necessary to allow 21 days for the concrete to cure prior to caulking, due to concerns with the shrinkage of the fresh concrete. The caulk was allowed to cure for seven days to October 4 prior to Great Lakes being granted use of the pad.

At the preconstruction conference the concrete subcontractor also proposed soft cutting in lieu of saw cutting. Soft cuts were made within one hour of pouring the concrete. This method controls cracking in slabs up to 16" thick and had been known to work well on other slabs poured on-site for Great Lakes Veneer.

One section of the slab had a depression outside the tolerances of the specifications and required corrective action by the concrete subcontractor. The subcontractor proposed grinding down a portion of the slab to drain the depression towards adjacent sections. Also, the soft cut joints had to be re-cut to meet the width for the caulking material specified by the contract and the manufacturer.

The section north of the sawmill building was poured with the initial pour of Area B on September 14.

2.4.4 AREA B

Abscope prepared the subgrade, formed and installed reinforcing and poured a 15' strip along the main plant on September 14 to provide access to the debarker.

On October 15, Abscope poured the remaining portion of Area B. There were the following issues with this pour: 1) the contractor did not soft cut the joints, electing to wait until the following day to saw cut them; 2) the concrete testing subcontractor was not on-site and cylinders were not collected until the latter half of the pour and 3) the western edge of the slab is lower than the existing asphalt pavement. The Department will monitor the slab for uncontrolled cracking and, although Abscope offered to take cores to determine the strength, the Department reserved the right pending results of the testing that was performed. All other tests easily passed the 4000 psi requirement. Abscope had to feather the slab/asphalt interface to match grades.

2.4.5 AREA C

The contractor poured the remaining section of Area C on October 23, 2001. A rainfall event

just prior to this date necessitated the removal of additional sub-base which had become sloppy and unstable. The contractor decided to increase the thickness of the slab in this area to between ten and fifteen inches at his own cost.

Subsequently, the contractor caulked the remaining areas of the slab and repaired the low spot in Area A referenced above. Actual substantial completion was schedule to account for occupancy of the entire slab by Great Lakes following complete curing of the concrete and caulk. Punch list type work performed by Abscope included placement of silt fence along the perimeter of the former cooling water pond to minimize traffic across this area, placement of hay used to protect the slab during curing on disturbed areas adjacent to the property line and pouring of the concrete sections immediately above the footers for the debarker.

2.4.6 FORMER LANDFILL AREA

The grading plan originally envisioned in the contract documents (i.e., directing surface drainage to the new pond) was not feasible, since the surrounding grades had been modified by the site occupant to facilitate business operations. A drainage swale had been cut to the north of the former landfill area and an access road and log storage area existed in the area where drainage was to be directed to the new pond. Therefore, it was necessary to re-grade the former landfill area to drain to the drainage swale. The as-builts from contract one were compared to Abscope's re-grading plan to confirm that a minimum one foot cover would exist over all areas of the former landfill in accordance with the Record of Decision.

2.5 MONITORING WELLS

The monitoring wells were installed by Parratt Wolff, Inc. as shown by the well logs in Appendix F. No bollards were installed for wells 2, 3 and 4 since they are not located in traffic areas. Proposed well location 3 (shown on figure 6 of the contract documents) was moved to the west, since the new storage building is actually located west of its depicted position. Well 4 was moved to the east to get it out of area where snow removal occurs each winter. The wells were not developed due to the dry summer conditions, since no water was encountered during installation. The well locations were surveyed in and are shown on the as-builts.

2.6 CHANGE ORDERS

Two drums remained from the yard area investigation. Personnel protective equipment was

disposed with similar materials generated by Abscope during their work. Soils were sampled for PCBs and found to be between 10 and 50 ppm and, therefore, were placed beneath the concrete pad. This work increased Abscope's measurement for payment for sampling by one sample.

The contract required Abscope to coordinate with Great Lakes Veneer the installation of the debarker on the concrete slab. There was at first some confusion between the parties as to where the debarker would be relocated to and what support was required, along with the fact that relocating to Area B also impacted the pour of that area. Great Lakes Veneer's engineer produced documentation from the manufacturer which included a number of piers and also requested thickened concrete in a number of areas to address the future addition of a metal detector and further mechanized feed. Gary Barnett of Great Lakes Veneer indicated that additional concrete for these uses was likely un-necessary since typically logs were fed one at a time. Fourteen piers were required with thickened concrete to address the current feed to the debarker. The Department agreed to only incorporate existing equipment (the debarker) at this time and further agreed to task its contractor to excavate the piers due to the presence of contaminated soils, since there was no written agreement as to responsibilities in place at this time. Great Lakes was responsible for installing the piers and relocating the debarker, which they verbally agreed to. Abscope then installed isolation joints around the piers per the contract. Although support and relocation of the debarker should have been resolved during design, the Department dodged any claims for delay due to a concurrent delay situation with the dowels required as part of the concrete reinforcement. This work increased Abscope's measurement for payment for excavation by 20 cubic yards.

The contract documents were missing the referenced specifications for pipe testing and disinfection, which was completed on a time and materials basis. The referenced specifications for restoration were also missing and this work was also completed on a time and material basis.

Abscope encountered an old pipe during excavation work for the water line extension, which was apparently a process line for No. 6 fuel oil. Removal of product and contaminated soil was handled on a time and material basis. Based on the presence of the fuel oil, this material was considered unsuitable for placement in the former cooling water pond and was disposed off-site. Soils were shipped to Model City and contaminated waters to Industrial Oil.

The design elevations of the concrete slab did not take into account the existing doorways to the plant facility and were keyed to the inside floor elevation. Unfortunately, this required regrading of the completed subgrade, along with modifications to the existing doors. The installed slab would prevent the original doors from opening.

The Department's resident inspector's field computer broke down during the work and had to be replaced. It was determined that 1) the computer could not be repaired cost effectively and 2) the contractor could procure the same computer at a cost below the state contract rate and in a more timely manner.

The contractor was directed to place additional stone in the area of the former landfill to maintain a six inch cover of stone over the filter fabric. This was necessary to maintain the minimum cover required by the Record of Decision.

In the regrading of the various portions of the yard area, excess soils remained which would not fit under the new slab or in the consolidation area within the former cooling water pond. Complicating matters was the fact that soils with PCBs above 50 ppm, which did not fit beneath the slab, could not be placed in the cooling water pond in any event. Also, the sequencing of the work resulted in some excess soils which could not be placed in either location, since the cooling water pond was filled and covered and the majority of the yard area had already been covered by concrete. This required the materials to be characterized and disposed off-site.

There were the following reasons for these excess soils:

1. Excavation for the debarker footings and a deeper excavation to allow for a thickened portion of the slab to support a feed to the debarker resulted in the removal of additional hazardous soils. This could not be foreseen, since the configuration of the support structure for the debarker was not provided to the Department until after construction had started.

2. The design elevations of the concrete slab did not take into account the existing doorways to the plant facility and were keyed to the inside floor elevation. Unfortunately, this required regrading of the completed subgrade, along with modifications to the existing doors. The installed slab would have prevented the original doors from opening. This is clearly a design omission which resulted in the removal of additional hazardous materials.

3. It appears that the ability to "lose" hazardous soils underneath the concrete slab through regrading was over estimated, since the majority of the excavated areas are filled by the concrete, stone sub-base and the slope of the

finished pad. In other words, the depth of the excavations vs. final grades diminish as one moves out to the edges of the slab and, therefore, the volume of the fill required was much less than anticipated. The contract did state that excess materials requiring off-site disposal would be handled via change order on a time and materials basis.

4. Sequencing of the work reduced our options in consolidating contaminated soils on-site, since portions of the yard area became covered with concrete and the former cooling water pond was filled and covered. Note also that soils with PCBs above 50 ppm could not be placed in the cooling water pond.

5. The non-hazardous materials were a result of soils in one area identified in the contract as "known clean" visually matched soils previously known to be contaminated. The soils were segregated, sampled and determined to be non-hazardous, but above levels which would allow us to leave them on-site

Finally, the Department tasked Abscope to investigate roof leaks on a portion of the facility. As a matter of background, PCB contaminated roof ballast was determined to be the source of contamination in the on-site cooling water pond from storm water discharges via roof drains. An interim remedial measure (IRM) to remove the contaminated ballast and replace it with clean material was performed to eliminate the source. The existing integrity of the roof from the standpoint of water tightness was not improved upon, with the exception of roof and flashing repairs completed as part of the IRM. The roof leaked before the IRM and continues to leak after it.

During the IRM, Malcolm Pirnie noted the overall poor condition of the roof, numerous cracks were observed and that delaminating of the plies of the built up roofing system was apparent in some areas. Also, extensive degradation of the flashing and metal fascia was noted. At the time of the IRM, the roof was at or near the end of its design life.

However, Great Lakes Veneer, the current site occupant, has asserted that the work performed during the IRM damaged a portion of the roof which now leaks worse than it did previously. There is no warranty from the contractor who performed the IRM, since it was an environmental removal versus a roof installation project.

In the interests of resolving its dispute with Great Lakes Veneer, the Department agreed to make a reasonable effort (i.e., hire a qualified roofing contractor) to repair a portion of the roof.

Great Lakes Veneer acknowledges the age and poor condition of the roof, notes that complete replacement of the roof is likely necessary and accepts that any further work cannot be warranted by a roofing subcontractor. Great Lakes Veneer accepts full responsibility for the roof following this additional repair work.

In obtaining quotes from qualified roofers, it was determined that spot repair of the roof was not feasible due to its current condition. However, it was known from previous work that water ponded on the roof during rain events, so resetting the existing roof drains and/or adding an additional drain(s) would likely alleviate the problems Great Lakes Veneer was experiencing with leaks. This would allow them to put off full replacement of the roof until sufficient monies were available. However, the roofer determined that based on the actual configuration of the roof system, additional drains could not be placed in the center of the roof without causing additional leaking (i.e., the leaking conditions might actually be worsened). Therefore, the Department concluded that the existing roof, based on its age and condition, was irreparable and needed to be replaced.

The change order also adjusted the estimated quantities for various unit price items (length of water, storm and sewer lines installed, square footage of concrete pad, excavation, sampling, site services, health & safety and square footage of geotextile) based on actual measurements made in the field.

3.0 CONCLUSIONS AND RECOMMENDATIONS

It is recommended that with the completion of this project and the implementation of long term monitoring, that the Oswego Castings site be reclassified on the NYS Registry of Inactive Hazardous Waste Sites. The site's status should be changed to class 4 to reflect that long term maintenance and monitoring is underway.

However, the following should be noted carefully with respect to any potential future use of the site:

1. The cleanup goal for PCBs was 1 ppm from the surface to 12" below grade and 10 ppm below 1 foot. Any future disturbance of the remaining soil or sediment surfaces might result in materials containing PCBs in excess of 1 ppm being on or within 1 foot of the surface.

2. Significantly higher concentrations of PCBs were detected under the sawmill building and in the yard area. These remain beneath the building and under the concrete cap installed in the yard area.

3. Future redevelopment activities should be monitored carefully to prevent any impacts to the remedy.

4. Routine monitoring of the concrete cap, along with the geotextile and stone covers over the former cooling water pond and landfill areas, is necessary to ensure Great Lakes Veneer's on-site activities do not compromise their integrity.

Finally, there was some uncontrolled cracking during construction of the concrete slab. "Uncontrolled" cracking refers to cracks which appear at locations other than at the saw cut construction joints while the concrete cures. These cracks appeared at the manhole and at the outside corners of the main plant within the courtyard. It appears that contraction joints should have been saw cut directly at these locations (in lieu of spacing them fifteen feet on center) to control the inevitable formation of contraction cracks. Based on recommendations of the concrete subcontractor and technical literature of the industry, it was determined that no corrective action was needed at this time, since the cracks were very thin. However, these areas should be monitored closely during the long term monitoring and maintenance program.

4.0 CONSTRUCTION CERTIFICATION

Construction was completed in accordance with the contract documents entitled: "Oswego Castings Site, Operable Unit Number 2, Yard and Buildings, Site No. 7-38-033" and dated March 1, 2001.

P.E. Seal

Signed: _____

Michael J. Cruden, P.E.

Dated: 1/8/08

TABLES

TABLE 1

SUBCONTRACTORS

Subcontractor	Work
Murphy Contracting, Inc.	Concrete Slab
Marathon Iron Works	Reinforcement
O'Rourke, Inc.	Air Monitoring/HASP
Parratt Wolff, Inc.	Monitoring Wells
Van der Horst Geotechnical Engineering, P.C.	Geotechnical Testing
Friends Laboratory, Inc.	Environmental Analyses
Russell Getman	Surveyor

OSWEGO CASTINGS SITE

SITE NO. 7-38-033

CONCRETE SLAB

TABLE 2

ITEM	DESCRIPTION	UNIT	QUANTITY	ENGINEER'S ESTIMATE UNIT BID	ENGINEER'S ESTIMATE SUBTOTAL	**Abscope** UNIT BID	**Abscope** SUBTOTAL	**Environmental** Target Group UNIT BID	**Environmental** Target Group SUBTOTAL	of Central NY Integrated UNIT BID	of Central NY Integrated SUBTOTAL	Technical Services Tyree UNIT BID	Technical Services Tyree SUBTOTAL	Organization UNIT BID	Organization SUBTOTAL	UNIT PRICE COMPARISON LOW	UNIT PRICE COMPARISON AVERAGE
1	SITE PREP	L.S	1	$20,000.00	$20,000.00	$35,000.00	$35,000.00	$55,000.00	$55,000 00	$62,700.00	$62,700.00	$71,527.00	$71,527.00	$35,000.00	$56,056.75		
2	SITE SERV	DAY	120	$250.00	$30,000.00	$50.00	$6,000.00	$100 00	$12,000 00	$850 00	$78,000 00	$295.00	$35,400.00	$50.00	$273.75		
3	HEALTH & SAFETY	DAY	90	$450.00	$40,500.00	$100.00	$9,000.00	$400.00	$36,000.00	$405.00	$36,450.00	$120.00	$10,800.00	$100.00	$256.25		
4A	WATERLINE	LF	165	$11.66	$1,923 90	$75.00	$12,375.00	$76.00	$12,540.00	$36.00	$5,940.00	$55.00	$9,075.00	$36 00	$60.50		
4B	SANITARY SEWER	LF	155	$8.70	$1,346.50	$65.00	$10,075.00	$72.00	$11,160.00	$87.00	$13,485.00	$92.00	$14,260.00	$85.00	$79.00		
4C	STORM SEWER	LF	125	$14 94	$1,867.50	$65.00	$8,125.00	$90.00	$11,250.00	$36.00	$4,500.00	$50 00	$6,250.00	$36.00	$60.25		
5A	YARD AREA	CY	1340	$27.50	$36,850 00	$15 00	$20,100.00	$14.50	$19,430.00	$12.00	$16,080 00	$35.00	$46,900.00	$12.00	$19.13		
5B	WETLAND	CY	830	$40.00	$33,200 00	$15.00	$12,450.00	$14.50	$12,035.00	$15.50	$12,865 00	$44.00	$36,520.00	$14.50	$22 25		
5C	NEW POND	CY	1300	$20.00	$26,000.00	$15 00	$19,500.00	$18.00	$20,800.00	$9.50	$12,350.00	$35.00	$45,500.00	$9.50	$18.88		
6	SLAB	SF	36000	$4.58	$164,880.00	$6.75	$243,000 00	$8.00	$216,000.00	$7.15	$257,400.00	$8.00	$288,000.00	$6.00	$6.98		
7A	SITE RESTORE	L.S.	1	$20,000 00	$20,000.00	$12,000.00	$12,000.00	$6,500.00	$6,500 00	$4,850.00	$4,850 00	$14,769.00	$14,769.00	$4,850.00	$9,529.75		
7B	FORMER LANDFILL	CY	1000	$11.75	$11,750.00	$15.00	$15,000.00	$12.00	$12,000.00	$7.50	$7,500.00	$17.00	$17,000.00	$7.50	$12.88		
7C	GEOTEXTILE	SF	24000	$0.27	$6,360.00	$0.20	$4,800.00	$0.25	$6,000.00	$0.25	$6,000.00	$0 26	$6,240 00	$0.20	$0.24		
8	SAMPLES	EACH	25	$130.00	$3,250.00	$250.00	$6,250.00	$195 00	$4,875.00	$136 00	$3,400.00	$130 00	$3,250.00	$130 00	$177.75		
9	WELLS	LF	60	$40 00	$2,400 00	$100 00	$6,000.00	$145.00	$8,700 00	$130.00	$7,800.00	$100.00	$6,000.00	$100 00	$118 75		
				TOTAL BID	$400,329 90		$419,675.00		$444,290.00		$529,320 00		$611,491 00				
				POLL LIAB	$10,000 00		$5,000.00		$7,500.00		$8,077.00		$50,000 00				

LOW BID	$419,675.00
VAR W/ENG	4 83%
SPREAD	$191,816.00
AVG BID	$501,194.00

Table 3 **Oswego Castings** **Final Costs**

BID ITEM	UNIT	ESTIMATED QUANTITY	BID UNIT PRICE	BID ITEM COST	ACTUAL QUANTITY	ACTUAL ITEM COST
SITE PREP	L.S	1	$35,000.00	$35,000.00	1.00	$35,000.00
SITE SERV	DAY	120	$50.00	$6,000.00	102.00	$5,100.00
HEALTH & SAFETY	DAY	90	$100.00	$9,000.00	26.00	$2,600.00
WATERLINE	LF	165	$75.00	$12,375.00	187.00	$14,025.00
SANITARY SEWER	LF	155	$65.00	$10,075.00	148.00	$9,620.00
STORM SEWER	LF	125	$65.00	$8,125.00	190.00	$12,350.00
YARD AREA	CY	1340	$15.00	$20,100.00	1603.44	$24,051.60
WETLAND	CY	830	$15.00	$12,450.00	947.72	$14,215.80
NEW POND	CY	1300	$15.00	$19,500.00	1227.28	$18,409.20
SLAB	SF	36000	$6.75	$243,000.00	36096.98	$243,654.62
SITE RESTORE	L.S.	1	$12,000.00	$12,000.00	1.00	$12,000.00
FORMER LANDFILL	CY	1000	$15.00	$15,000.00	1615.40	$24,231.00
GEOTEXTILE	SF	24000	$0.20	$4,800.00	24890.00	$4,978.00
SAMPLES	EACH	25	$250.00	$6,250.00	32.00	$8,000.00
WELLS	LF	60	$100.00	$6,000.00	60	$6,000.00
			ORIGINAL	$419,675.00	ACTUAL	$434,235.22
		Change Order 1	**Items:**			
			Restoration		*Time & Materials*	$1,076.82
			Test & Disinfect		*Time & Materials*	$2,250.09
			Roof		*Time & Materials*	$504.00
			Old Pipe		*Time & Materials*	$6,432.62
			Computer		*Time & Materials*	$1,829.30
			Regrade/Doors		*Time & Materials*	$5,883.68
			Stone		*Time & Materials*	$3,861.92
			Excess Soils		*Time & Materials*	$51,886.72
			FINAL	CONTRACT	PRICE	**$507,960.37**

APPENDIX A

APPENDIX B

Air Monitoring Data Sheet

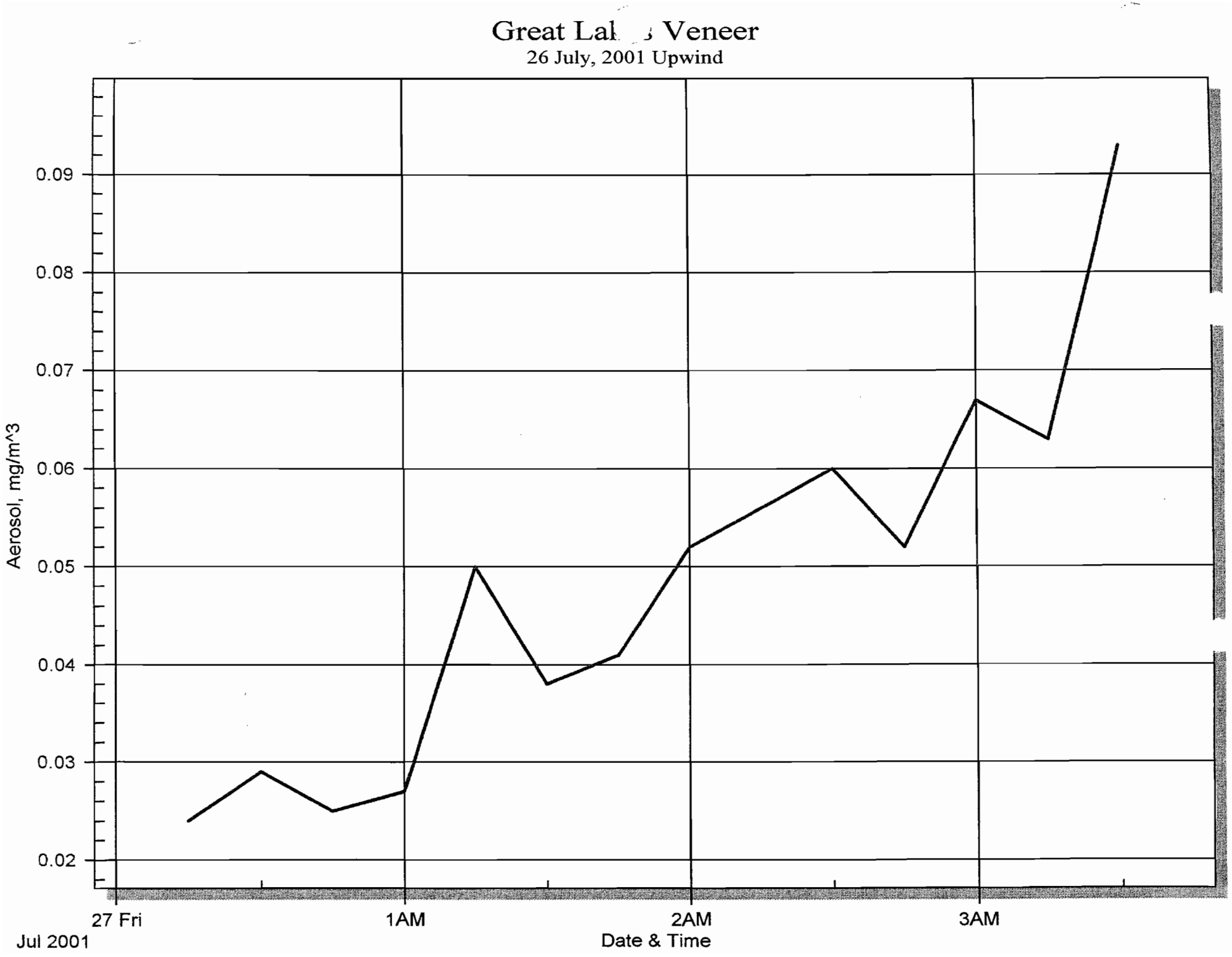
Revised September 1996

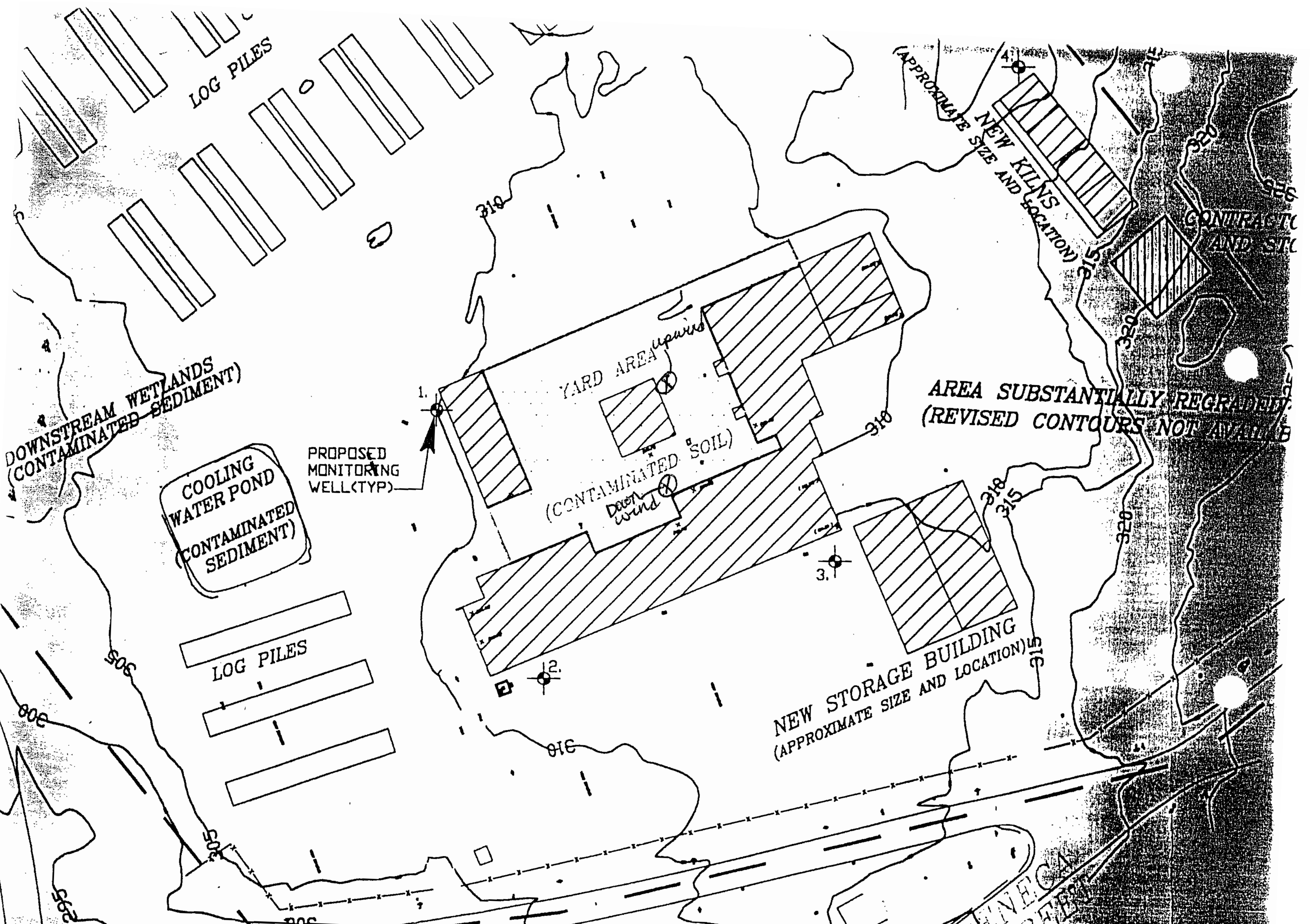
Project Name	Project Location	Sampling Date	24 July, 01
Oswego Castings (G.L.V.)	Oswego New York	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
590104	Upwind	OCUW26-7D	10 35	2:20	221	2.0	442	TOTAL DUST
624467	" "	OCUW26-7	"	"	222	.2	44.4	PCB
21593	" "	DUSTRAK	"	"	—	2.0	—	—
575876	Down wind	OCDW26-7D	10:30	2:25	226	2.0	452	TOTAL DUST
600763	" "	OCDW26-7	"	"	227	.2	45.4	PCB
14217	" "	DUSTRAK	"	"	—	2.0	—	—

Technicians Name	Bruce Floyd	Date/Time	26 Aug 01	Signature	Bruce W. Floyd
Comments					

* Annotated everything from original sheet (A Field Pump Data Sheet) to this Document.


Great Lak s Veneer
26 July, 2001 Upwind
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
Aerosol, mg/m^3
27 Fri
Jul 2001
1AM
2AM
3AM
Date & Time



TES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH ... BOLLARDS. BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE, ... THE EXCAVATION SHALL

26 July, 2001

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	27 July, 2001
Oswego Castings (G.L.V.)	Oswego NY	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
624512	Up Wind	OCUW27	840	5:00	258	.2	71.6	PCB
600241	Down Wind	OCDW27	|	|	259	.2	71.8	PCB
575876	Up Wind	OCUW27-TD	|	|	258	2.0	716	TOTAL DUST
600263	Down Wind	OCDW27-TD	|	|	259	2.0	718	TOTAL DUST
21593	Up Wind	OCUW	|	|	—	2.0	—	DUSTRAK
14217	Down Wind	OCDW	|	|	—	2.0	—	DUSTRAK
624167	Work Area	Work Area St.	1100	230	147	.2	29.4	PCB
590104	Work Area	Work Area St.	1100	230	147	2.0	294	TOTAL DUST
21589	Work Area	Work Area St.	1100	230	—	2.0	—	DUSTRAK
		ST. = STATION						

Technicians Name	~~Bruce Floyd~~	Date/Time	27 July, 200	Signature	Bruce A. Floyd
Comments					

* Annotated every thing from (Field Pump Data Sheet) to this Document.

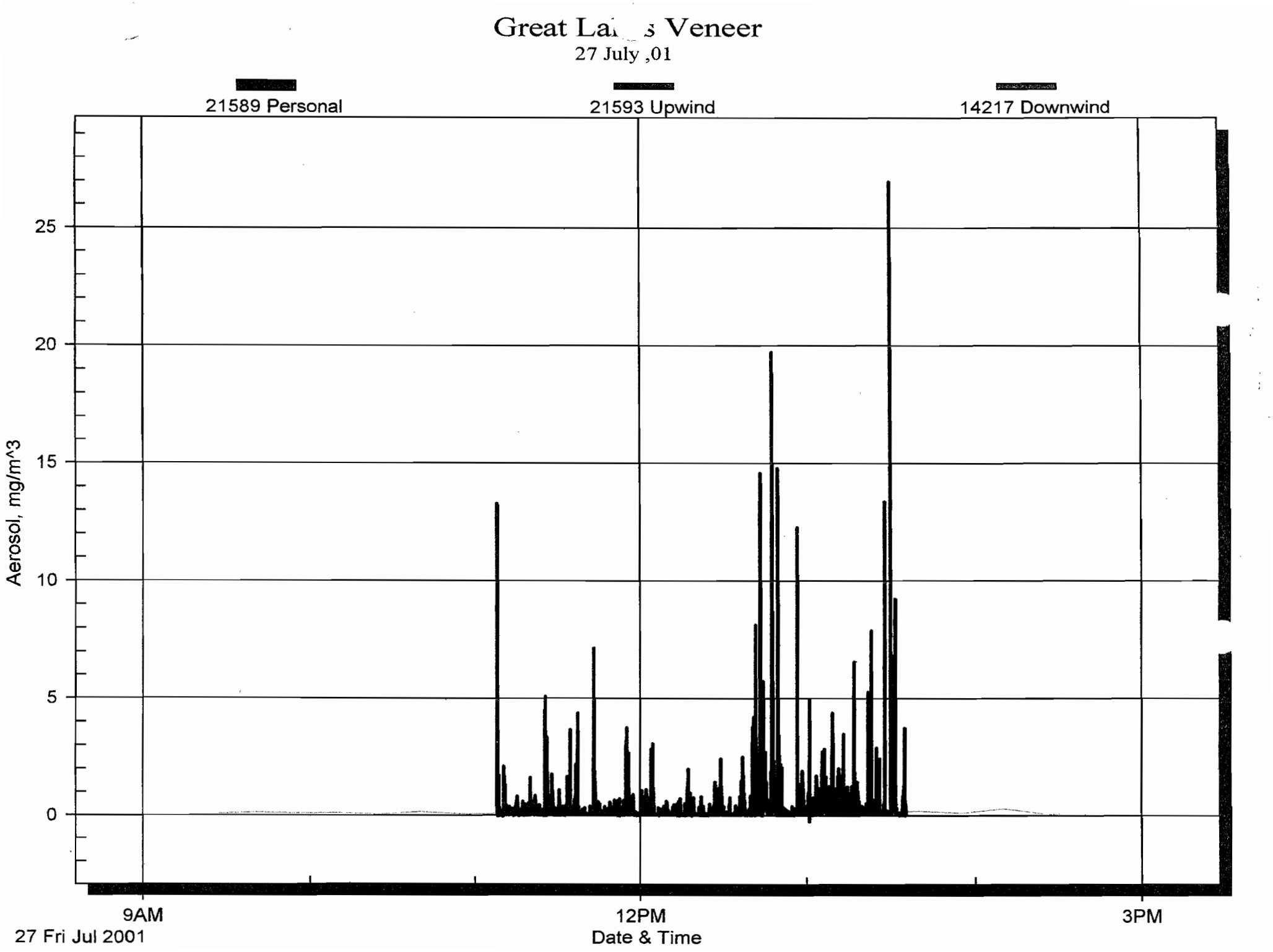
Oswego Castings/Grea' :es Veneer 7/27/01

Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
7/27/01	12:30p	69.4	67.6	69.4	69.4	67.6	42	45.3	4.0	10.0	NNW	0.00	30.507	75.7	34	30
7/27/01	1:00p	68.9	67.1	68.9	69.9	68.8	46	47.3	4.0	10.0	NNW	0.00	30.499	74.7	36	30
7/27/01	1:30p	69.8	68.0	69.8	70.6	68.6	43	46.3	4.0	11.0	NNW	0.00	30.495	74.0	36	30
7/27/01	2:00p	72.3	70.4	72.3	72.5	69.8	39	45.9	2.0	7.0	NNW	0.00	30.488	74.2	36	30
7/27/01	2:30p	73.3	71.5	73.3	73.5	72.3	39	46.8	2.0	7.0	NNW	0.00	30.484	73.1	36	30
7/27/01	3:00p	70.9	68.7	70.9	73.3	70.4	38	44.0	3.0	8.0	NNW	0.00	30.467	71.2	37	30
7/27/01	3:30p	71.1	69.3	71.1	71.6	69.8	40	45.5	3.0	7.0	NNW	0.00	30.459	70.7	38	30
7/27/01	4:00p	71.1	69.3	71.1	71.8	70.1	44	48.1	3.0	8.0	N	0.00	30.454	70.2	39	30
7/27/01	4:30p	69.4	67.6	69.4	71.1	69.4	45	47.1	3.0	10.0	NNW	0.05	30.456	67.7	42	30
7/27/01	5:00p	69.1	67.3	69.1	69.6	69.1	45	46.9	3.0	6.0	W	0.00	30.458	67.5	41	30
7/27/01	5:30p	68.8	67.0	68.8	68.8	68.6	47	47.7	3.0	8.0	W	0.00	30.453	65.8	41	30
7/27/01	6:00p	68.8	67.0	68.8	68.9	68.6	47	47.7	3.0	8.0	W	0.00	30.445	70.4	38	30
7/27/01	6:30p	68.4	66.6	68.4	68.6	68.4	45	46.2	4.0	7.0	W	0.00	30.445	69.4	40	30
7/27/01	7:00p	68.1	66.3	68.1	68.4	67.9	50	48.8	3.0	7.0	W	0.00	30.445	72.6	37	30
7/27/01	7:30p	67.6	65.4	67.6	68.3	67.6	50	48.3	2.0	5.0	W	0.00	30.437	69.7	37	30
7/27/01	8:00p	66.8	64.3	66.8	67.6	66.8	55	50.1	1.0	3.0	W	0.00	30.433	64.9	40	30
7/27/01	8:30p	66.1	63.6	66.1	66.4	66.1	56	49.9	1.0	5.0	W	0.00	30.440	63.3	41	30
7/27/01	9:00p	65.3	63.1	65.3	66.0	65.3	61	51.5	0.0	2.0	WNW	0.00	30.443	63.0	42	30
7/27/01	9:30p	58.9	57.4	58.9	65.3	58.9	79	52.4	0.0	2.0	SSE	0.00	30.453	62.2	42	30
7/27/01	10:00p	57.0	57.0	57.0	58.7	57.0	84	52.2	0.0	1.0	SE	0.00	30.463	61.0	41	30
7/27/01	10:30p	55.7	55.7	55.7	57.0	55.7	86	51.6	0.0	2.0	SE	0.00	30.458	61.4	41	30
7/27/01	11:00p	54.5	54.5	54.5	55.7	54.5	88	51.0	0.0	2.0	SE	0.00	30.460	61.4	41	30
7/27/01	11:30p	54.4	54.4	54.4	54.5	54.4	89	51.2	0.0	2.0	SE	0.00	30.468	61.1	41	30
7/27/01	12:00p	53.5	53.5	53.5	54.4	53.5	89	50.3	0.0	0.0	N	0.00	30.470	60.8	41	30

Current Graph: Graph
Start time: 09:10:13 07/27/2001 Stop time: 14:53:56 07/27/2001

Legend: 21589 Per: 14217 Downwind

Channel:	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3
Average:	0.304	0.109
Lowest point:	-0.253	0.053
Time	13:01:07	14:40:13
Date	07/27/2001	07/27/2001
Highest point:	26.983	0.298
Time	13:30:05	14:10:13
Date	07/27/2001	07/27/2001
Log interval: hh:mm:ss	00:00:01	00:15:00


Great La s Veneer
27 July ,01
21589 Personal
21593 Upwind
14217 Downwind
25
20
15
10
5
0
Aerosol, mg/m^3
9AM
12PM
3PM
27 Fri Jul 2001
Date & Time

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : O'Rourke Incorporated
Site : Oswego Castings G. Lake Veneer
Project No. : 7-38-033

Date Sampled : 27-JUL-01 Account No.: 12312
Date Received : 27-JUL-01 Login No. : L73328
Date Analyzed : 01-AUG-01 - 02-AUG-01

Total Dust

Sample ID	Lab ID	Air Vol m3	Total mg	Conc mg/m3
OCUW27-7D	L73328-1	0.716	0.345	0.48
OCDW27-7D	L73328-2	0.718	0.293	0.41
PERSEXC.B	L73328-3	0.294	<0.05	<0.2

COMMENTS: PNOR = Particulates Not Otherwise Regulated.

Level of quantitation: 0.05 mg
Analytical Method : NIOSH 0500; GRAV
OSHA PEL (TWA) : PNOR 15 mg/m3
Collection Media : PVC PW

Submitted by: LK
Approved by : Oommen Kappil
Date : 02-AUG-01
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : O'Rourke Incorporated
Site : Oswego Castings G. Lake Veneer
Project No. : 7-38-033

Date Sampled : 27-JUL-01
Date Received : 27-JUL-01
Date Analyzed : 04-AUG-01

Account No.: 12312
Login No. : L73328

PCB (Aroclors 1016-1260)

Sample ID	Lab ID	Air Vol liter	Front ug	Back ug	Total ug	Conc mg/m3
OCUW27	L73328-4	71.6	<0.05	<0.05	<0.05	<0.0007
OCDW27	L73328-5	71.8	<0.05	<0.05	<0.05	<0.0007
PERSEXC.A	L73328-6	29.4	<0.05	<0.05	<0.05	<0.002

COMMENTS: Total ug corrected for a desorption efficiency of 100%.

Level of quantitation: 0.05 ug
Analytical Method : NIOSH 5503; GC/ECD
OSHA PEL (TWA) : 0.5-1 mg/m3
Collection Media : Filter & Tube

Submitted by: cmh
Approved by : dkf
Date : 06-AUG-01
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified

Galson
Laboratories
6601 Kirkville Road
P.O. Box 369
E. Syracuse, NY 13057
Tel: (315) 437-7252 888-577-Labs (5227)
Fax: (315) 437-0571

Request For Industrial Hygiene Analysis

Company Name: O'Rourke Inc.
Site Name: Oswego Castings Great Lake Veneer
Sampled By: Bruce Floyd
Project #: 7-38-033

Send Report to: O'Rourke Inc.
Invoice to: O'Rourke Inc.

☐ Purchase order number _____
(or)
☐ Credit Card (type) _____ Card # _____ Exp Date _____
☐ Verbal Authorization _____

☒ Standard Turn-Around Time OR ☐ Rush: Date and Time Requested: ___/___/___ am pm
☐ Phone Results to: _____ Phone # ( ) - - ext.
☒ Fax Results to: ATTN: Bruce Floyd Fax # (315-342-2062
☐ Email Results to: _____

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Requested	Method Reference
OCUW27-7D	27 July 01	CASSETTES TOTAL DUST	716	TOTAL DUST	NIOSH 0500
OCDW27-7D	27 July 01	CASSETTES TOTAL DUST	718	TOTAL DUST	NIOSH 0500
PERSEXC. B	27 July 01	TOTAL DUST CASSETTES	294	TOTAL DUST	NIOSH 0500
CUW27	27 July 01	Florisil tubes filter tubes	71.6	PCB	NIOSH 5503
CDW27	27 July 01	Florisil tubes	71.8	PCB	NIOSH 5503
PERSEXC. A	27 July 01	Florisil tubes	29.4	PCB	NIOSH 5503

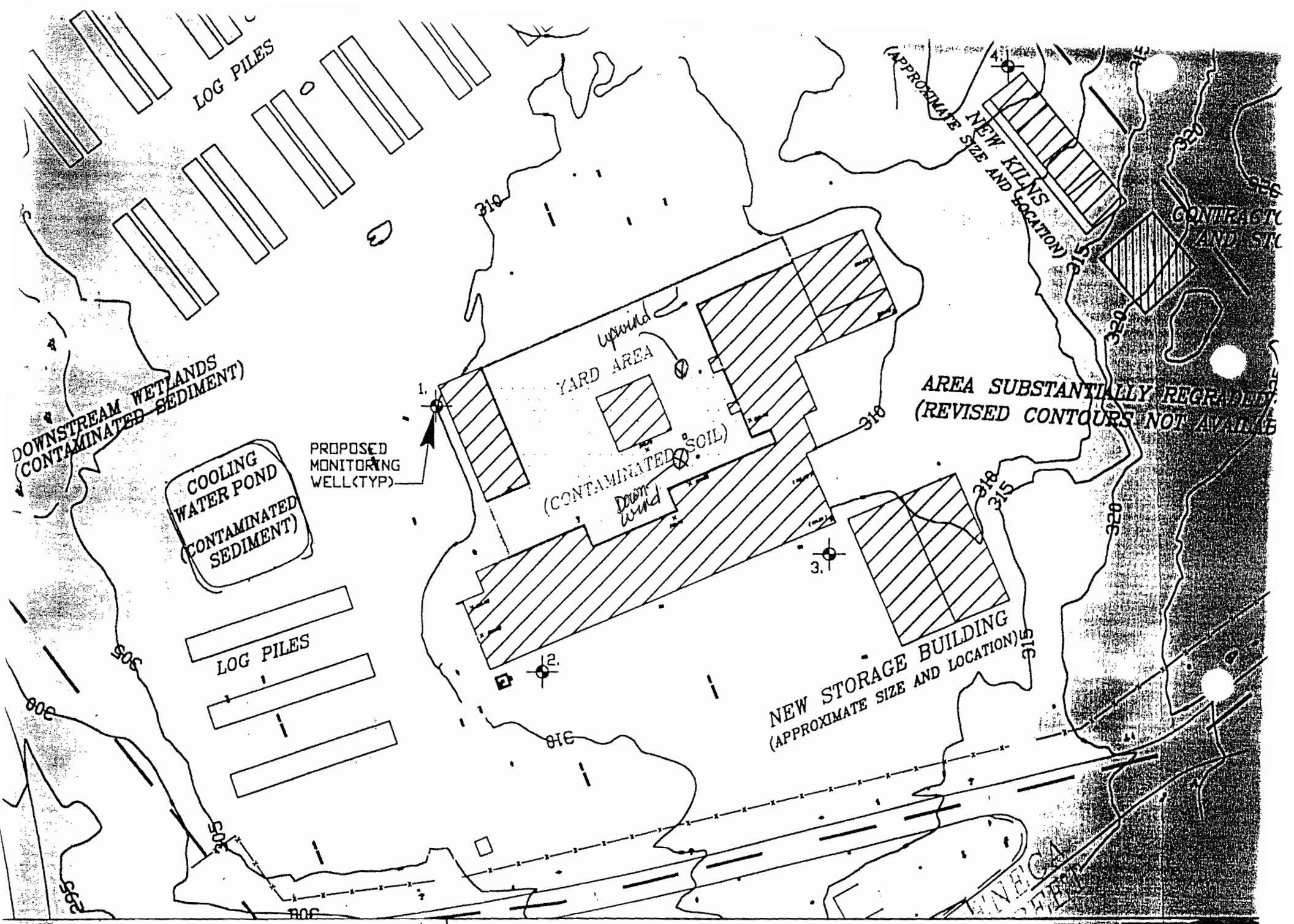
*For passive monitors please list time exposed in minutes.

Comments (Please list any known interferences present in sampling area): Blanks not submitted/BF

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by:	Bruce Floyd	Bruce Floyd	7/27/01 4:19
Received by LAB.	M. Krause	M. Krause	7/27/01 4:19

Samples received after 3pm will be considered as next day's business.

LAB ORIGINAL



OTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

27 June, 01

STATE OF NEW
CHAEL U

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	30 July, 2001
Oswego Castings (G.L.U.)	Oswego NY	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	UPWIND	DUSTRAX	8:55	15:15	368	2.0	—	—
575876	↓		↓	↓	↓	2.0	772	TOTAL DUST
624512	↓		↓	↓	↓	.2	77.2	PCB
14217	DOWN WIND	DUSTRAX	8:50	15:15	385	2.0	—	—
600763	↓		↓	↓	↓	2.0	770	TOTAL DUST
600241	↓		↓	↓	↓	.2	77.0	PCB
21589	WORK AREA	DUSTRAY	1030	15:15	293	2.0	—	—
590104	↓		↓	↓	↓	2.0	586	TOTAL DUST
624467	↓		↓	↓	↓	.2	58.6	PCB
		NOTHING	MORE					

Technicians Name	Bruce Floyd	Date/Time	30 July, 2001	Signature	Bruce W. Floyd

Comments: Was able to program DUSTRAX today. Work area is very dusty a good portion of this is due to (G.L.U) Healy Equip. traveling back and forth w/ or w/o Logs. Also Debarker is constantly going creating lots of dust & wood chips & sawdust. Hydrospe Crew working in trench today w/ water line.

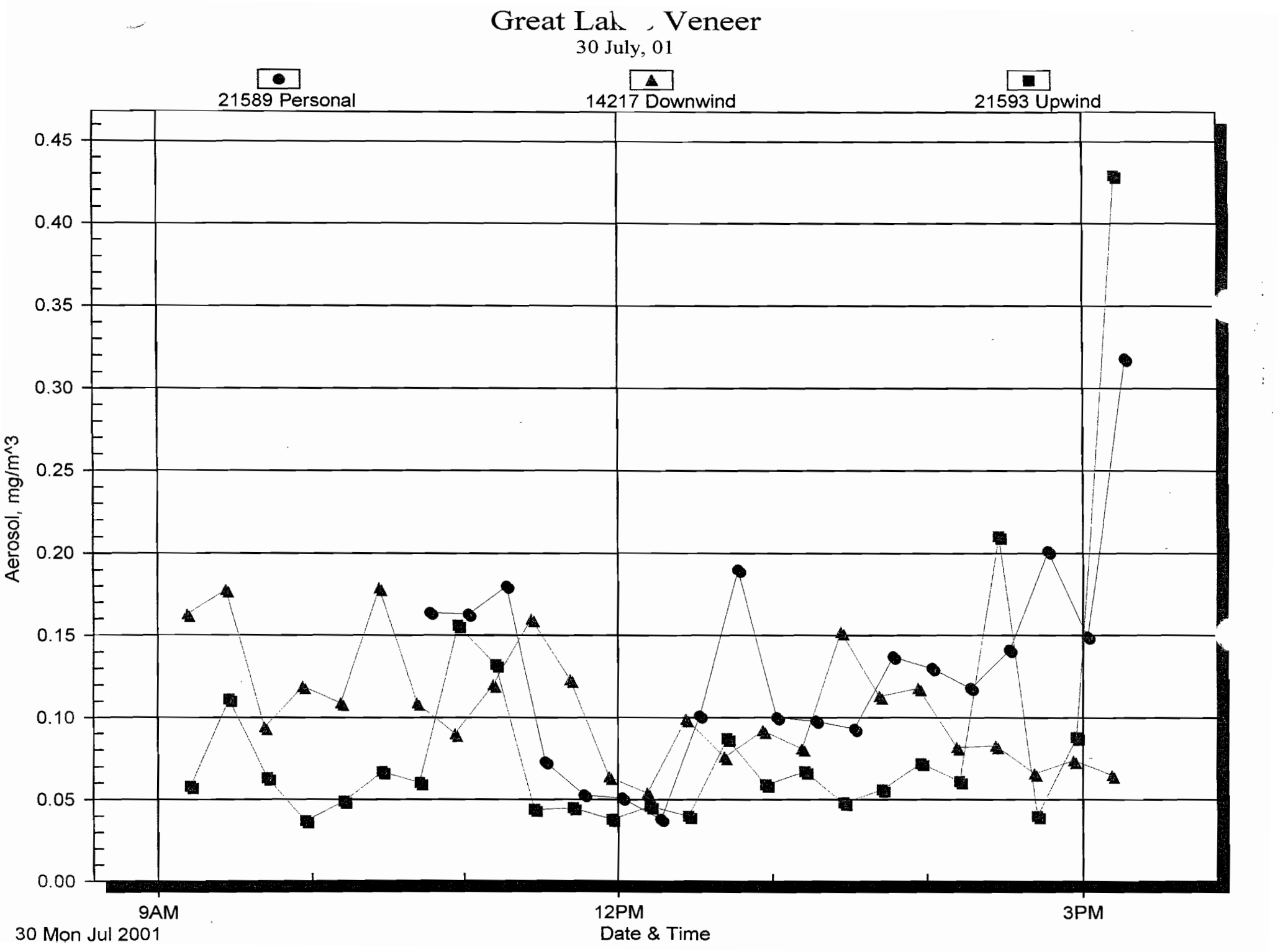
Oswego Castings/Grea es Veneer 7/30/01

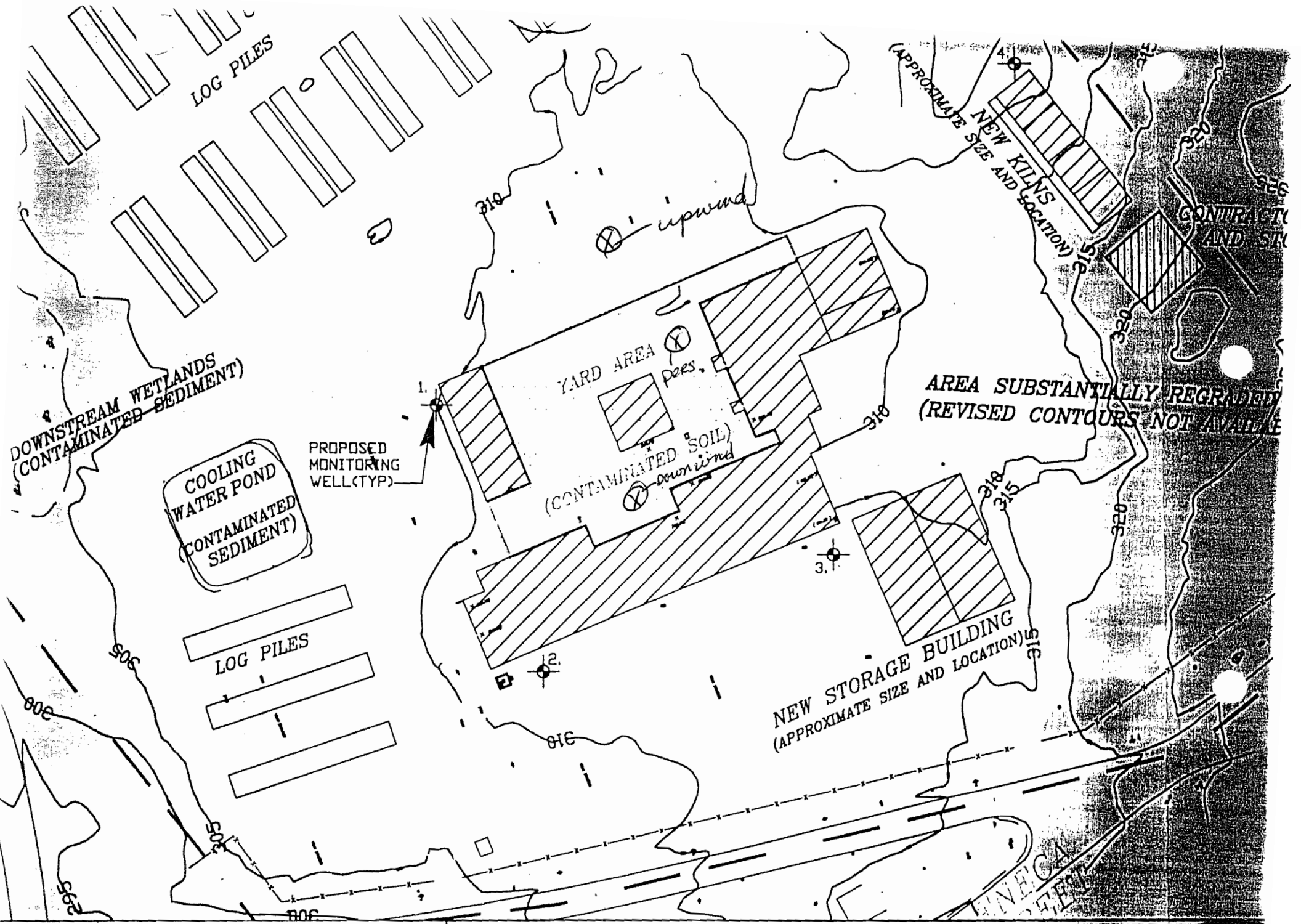
Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
7/30/01	12:00a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.265	61.8	43	30
7/30/01	12:30a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.270	62.1	43	30
7/30/01	1:00a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.273	62.2	43	30
7/30/01	1:30a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.274	62.2	43	30
7/30/01	2:00a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.280	62.2	43	30
7/30/01	2:30a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.276	62.2	44	30
7/30/01	3:00a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.264	62.2	44	30
7/30/01	3:30a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.263	62.2	44	30
7/30/01	4:00a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.262	62.2	44	30
7/30/01	4:30a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.265	62.2	44	30
7/30/01	5:00a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.270	62.2	44	30
7/30/01	5:30a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.283	62.2	44	30
7/30/01	6:00a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.288	62.2	44	30
7/30/01	6:30a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.293	62.4	44	30
7/30/01	7:00a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.305	64.0	43	30
7/30/01	7:30a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.313	67.7	57	30
7/30/01	8:00a	--	--	--	--	--	--	--	3.0	3.0	E	0.00	30.316	67.0	47	30
7/30/01	8:30a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.317	65.9	47	30
7/30/01	9:00a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.319	66.1	45	30
7/30/01	9:30a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.321	66.9	45	30
7/30/01	10:00a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.324	68.4	47	30
7/30/01	10:30a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.327	70.4	47	30
7/30/01	11:00a	--	--	--	--	--	--	--	0.0	0.0	---	0.00	30.326	70.9	45	30
7/30/01	11:30a	76.7	76.7	76.7	76.8	76.3	56	59.8	2.0	10.0	SSE	0.03	30.302	73.5	44	30
7/30/01	12:00p	76.3	76.3	76.3	76.8	75.8	55	58.9	2.0	7.0	ESE	0.00	30.295	73.6	43	30
7/30/01	12:30p	77.6	77.8	77.6	77.6	76.0	54	59.6	2.0	12.0	SE	0.00	30.276	72.1	42	30
7/30/01	1:00p	79.2	79.2	79.2	79.4	77.6	50	59.0	3.0	8.0	SSW	0.00	30.273	71.2	41	30
7/30/01	1:30p	78.6	78.6	78.6	79.6	77.7	49	57.8	2.0	8.0	SSE	0.00	30.277	70.4	41	30
7/30/01	2:00p	76.1	76.5	76.1	79.4	76.1	62	62.1	2.0	7.0	NW	0.00	30.285	69.6	39	30
7/30/01	2:30p	77.4	77.7	77.4	77.4	75.3	57	61.0	3.0	8.0	N	0.00	30.278	68.7	42	30
7/30/01	3:00p	77.4	77.6	76.7	78.8	77.4	56	60.5	5.0	11.0	N	0.00	30.274	67.4	41	30
7/30/01	3:30p	76.5	76.5	75.8	77.4	76.3	58	60.6	5.0	12.0	NW	0.00	30.274	67.7	46	30
7/30/01	4:00p	77.2	77.3	76.5	77.2	76.5	55	59.8	5.0	10.0	N	0.00	30.261	66.7	49	30
7/30/01	4:30p	73.0	71.3	73.0	77.4	73.0	41	47.9	0.0	6.0	NNW	0.00	30.248	66.9	48	30
7/30/01	5:00p	68.4	66.6	68.4	73.0	68.4	41	43.8	0.0	0.0	N	0.00	30.254	65.1	44	30
7/30/01	5:30p	67.1	64.0	67.1	68.4	67.1	45	45.0	0.0	0.0	N	0.00	30.257	64.9	46	30
7/30/01	6:00p	66.3	63.3	66.3	67.1	66.3	50	47.1	0.0	0.0	N	0.00	30.271	64.6	50	30
7/30/01	6:30p	66.4	63.2	66.4	66.4	66.3	47	45.5	0.0	0.0	N	0.00	30.274	63.0	48	30
7/30/01	7:00p	65.6	62.3	65.6	66.4	65.6	47	44.8	0.0	0.0	N	0.00	30.277	62.9	48	30
7/30/01	7:30p	66.4	62.9	66.4	66.4	65.6	44	43.8	0.0	0.0	N	0.00	30.286	62.9	48	30
7/30/01	8:00p	65.3	61.8	65.3	66.4	65.3	46	44.0	0.0	0.0	N	0.00	30.294	62.4	48	30
7/30/01	8:30p	64.2	60.7	64.2	65.3	64.2	47	43.5	0.0	0.0	N	0.00	30.285	62.2	48	30
7/30/01	9:00p	63.2	59.7	63.2	64.2	63.2	48	43.2	0.0	0.0	N	0.00	30.296	62.2	48	30
7/30/01	9:30p	62.6	59.0	62.6	63.2	62.6	48	42.6	0.0	0.0	N	0.00	30.302	61.9	47	30
7/30/01	10:00p	62.1	58.5	62.1	62.6	62.1	48	42.2	0.0	0.0	N	0.00	30.316	61.8	47	30
7/30/01	10:30p	61.8	58.1	61.8	62.1	61.8	48	41.9	0.0	0.0	N	0.00	30.324	61.4	46	30
7/30/01	11:00p	61.5	57.9	61.5	61.8	61.5	48	41.6	0.0	0.0	N	0.00	30.325	61.1	46	30
7/30/01	11:30p	61.2	57.6	61.2	61.5	61.2	48	41.3	0.0	0.0	N	0.00	30.307	60.8	46	30
7/30/01	12:00p	61.0	57.4	61.0	61.2	61.0	48	41.2	0.0	0.0	N	0.00	30.310	60.2	46	30

Current Graph: 30th G.L.V. Graph
Start time: 08:56:28 07/30/2001 Stop time: 15:16:49 07/30/2001

Legend: 21589 Per: 14217 Dowi 21593 Upwind

Channel:	Aerosol	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3	mg/m^3
Average:	0.131	0.107	0.087
Lowest point:	0.038	0.054	0.037
Time	12:16:49	12:11:28	09:57:37
Date	07/30/2001	07/30/2001	07/30/2001
Highest point:	0.318	0.179	0.429
Time	15:16:49	10:26:28	15:12:37
Date	07/30/2001	07/30/2001	07/30/2001
Log interval: hh:mm:ss	00:15:00	00:15:00	00:15:00


Great Lak , Veneer
30 July, 01
21589 Personal
14217 Downwind
21593 Upwind
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Aerosol, mg/m^3
9AM
12PM
3PM
30 Mon Jul 2001
Date & Time



OTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

30 July, 2001

STATE OF NEW

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	31 July, 2001
Oswego Castings (G.L.V.)	Oswego NY	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
624512	Up Wind		8:30	3:30	422	.2	84.4	PCB
600241	Down Wind		8:30	3:30	414	.2	82.8	PCB
624467	Work Area		8:30	3:30	441	.2	88.2	PCB
575876	Up Wind		8:30	3:30	422	2.0	844	Total Dust
600763	Down Wind		8:30	3:30	414	2.0	828	Total Dust
21593	Up Wind	Dustrax	8:30	3:30	437	2.0	—	—
14217	Down Wind	Dustrax	8:30	3:30	437	2.0	—	—
21589	Work Area	Dustrax	8:30	3:30	437	2.0	—	—

Technicians Name	Bruce Floyd	Date/Time	31 July, 2001 16:00	Signature	Bruce W. Floyd

Comments: * Area to which samples are located is a very dusty area not totaly to Abscope crew. Great Lakes Veneer has large front end Loaders which carry Logs to and fro (past area Air monitoring Stations) this heavy equip. Kicks up lots of dust and there are 4 to 5 running at 1 time. Also in area is a Log Debarker that creates, dust, sawdust Large & small. Abscope working w/ sewer Line & trench.

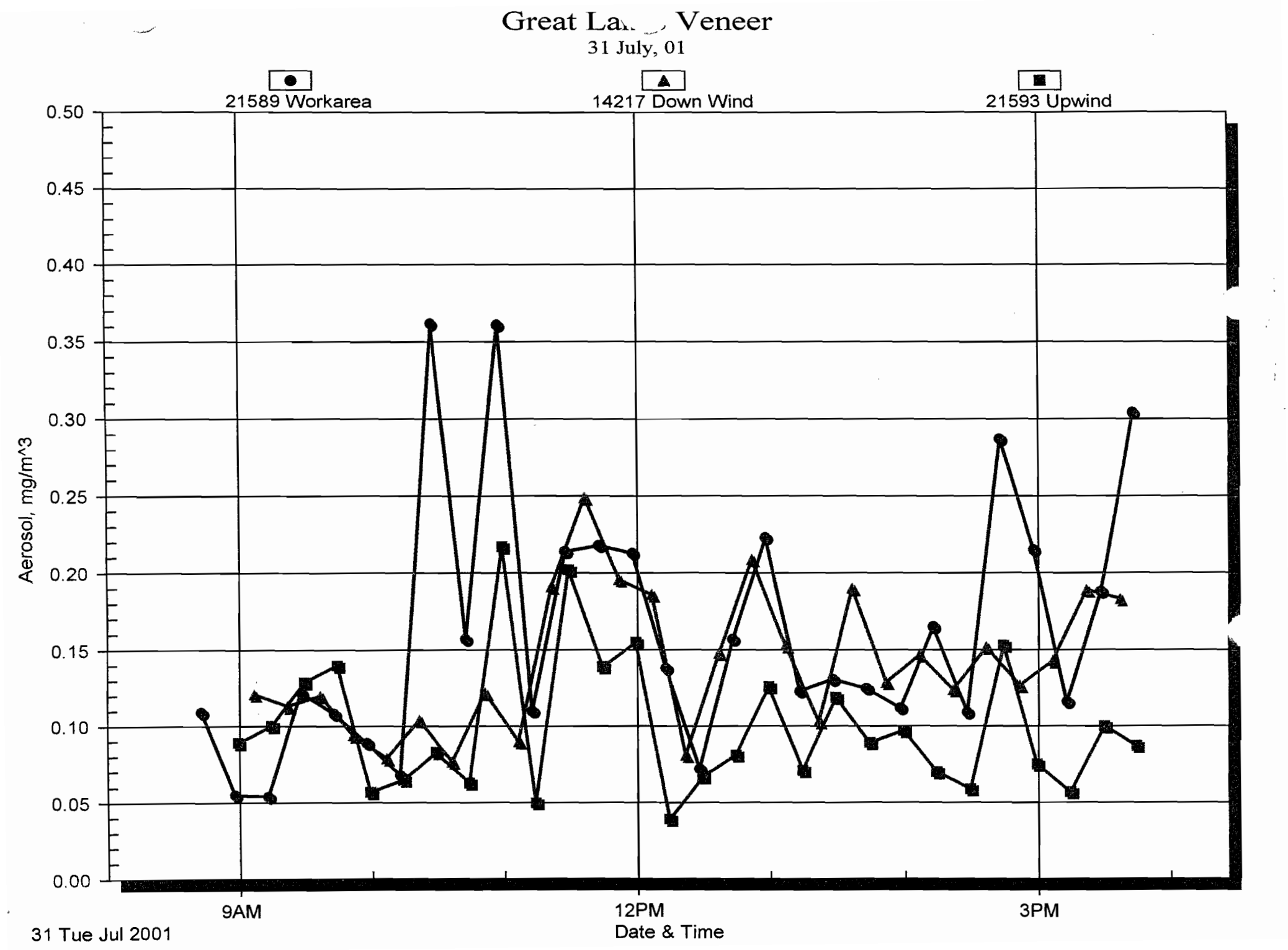
Oswego Castings/Great es Veneer 7/31/01

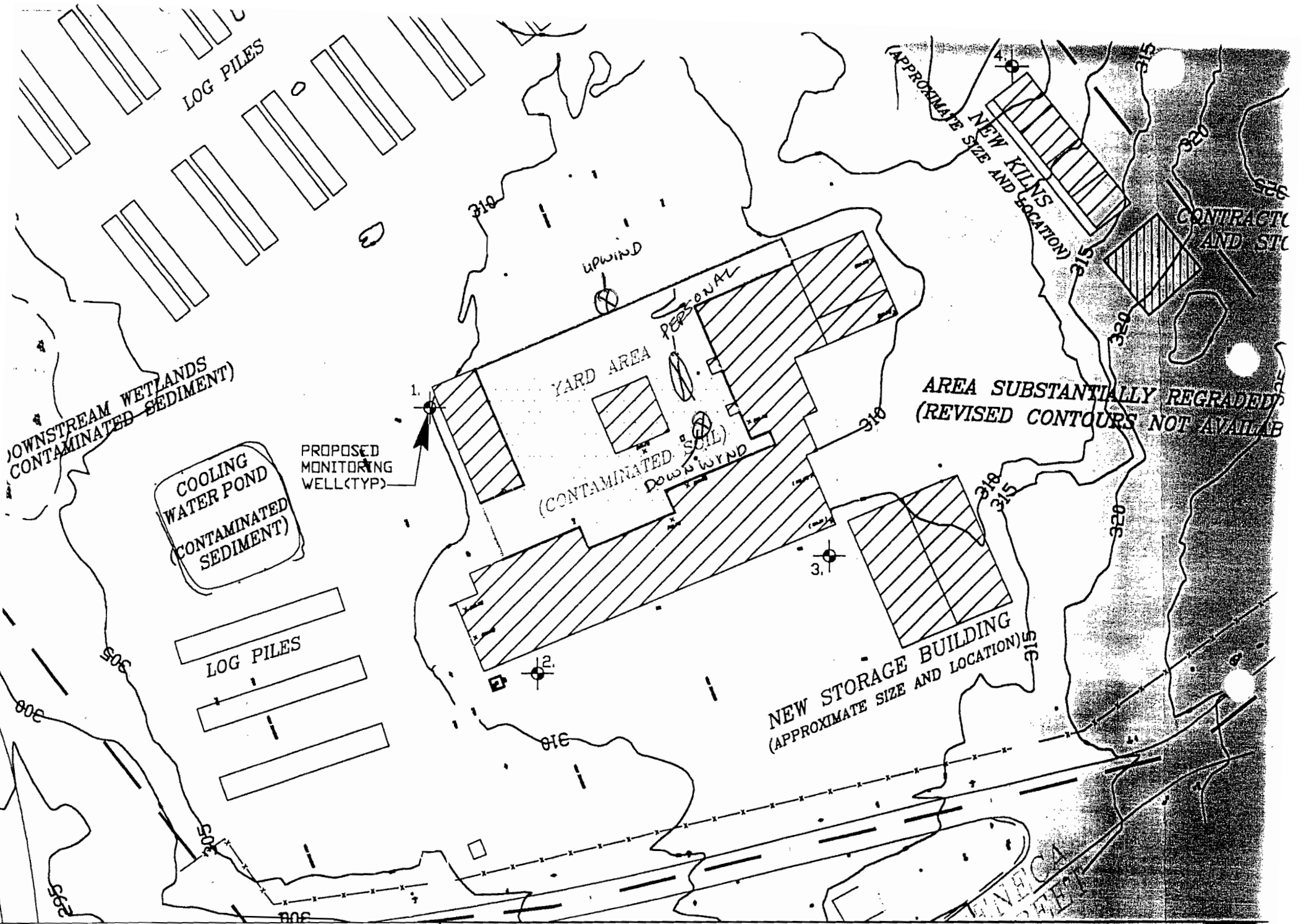
Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
7/31/01	12:00a	61.0	57.4	61.0	61.2	61.0	48	41.2	0.0	0.0	N	0.00	30.310	60.2	46	30
7/31/01	12:30a	61.0	57.4	61.0	61.0	60.9	48	41.2	0.0	0.0	N	0.00	30.305	61.0	45	30
7/31/01	1:00a	60.7	57.3	60.7	61.0	60.7	47	40.3	0.0	0.0	N	0.00	30.299	60.2	45	30
7/31/01	1:30a	60.7	57.3	60.7	60.7	60.5	47	40.3	0.0	0.0	N	0.00	30.306	60.7	45	30
7/31/01	2:00a	60.9	57.3	60.9	60.9	60.7	48	41.1	0.0	0.0	N	0.00	30.305	61.0	44	30
7/31/01	2:30a	60.7	57.3	60.7	61.0	60.7	44	38.6	0.0	1.0	E	0.00	30.301	59.9	44	30
7/31/01	3:00a	60.4	57.2	60.4	60.5	60.4	44	38.4	0.0	0.0	N	0.00	30.306	60.3	44	30
7/31/01	3:30a	60.4	57.2	60.4	60.4	60.4	44	38.4	0.0	0.0	N	0.00	30.312	60.5	44	30
7/31/01	4:00a	60.4	57.2	60.4	60.4	60.4	44	38.4	0.0	0.0	N	0.00	30.321	60.7	43	30
7/31/01	4:30a	60.5	57.2	60.5	60.5	60.4	44	38.5	0.0	0.0	N	0.00	30.340	60.7	43	30
7/31/01	5:00a	60.5	57.2	60.5	60.5	60.5	43	37.9	0.0	0.0	N	0.00	30.348	60.7	43	30
7/31/01	5:30a	60.5	57.2	60.5	60.5	60.5	43	37.9	0.0	0.0	N	0.00	30.357	60.5	43	30
7/31/01	6:00a	60.5	57.2	60.5	60.5	60.5	43	37.9	0.0	0.0	N	0.00	30.374	60.5	43	30
7/31/01	6:30a	60.4	57.2	60.4	60.5	60.4	43	37.8	0.0	0.0	N	0.00	30.385	60.8	43	30
7/31/01	7:00a	60.7	57.3	60.7	60.7	60.4	44	38.6	0.0	0.0	N	0.00	30.393	62.1	43	30
7/31/01	7:30a	64.2	63.9	64.2	64.2	60.5	87	60.2	2.0	7.0	SSE	0.00	30.404	64.6	60	30
7/31/01	8:00a	67.3	67.8	67.3	67.3	64.2	83	62.0	1.0	5.0	SE	0.00	30.410	65.4	60	30
7/31/01	8:30a	69.8	71.2	69.8	69.8	67.4	78	62.6	1.0	7.0	SE	0.00	30.414	65.3	53	30
7/31/01	9:00a	72.8	74.2	72.8	72.8	69.8	74	64.0	1.0	6.0	ESE	0.00	30.410	65.8	48	30
7/31/01	9:30a	75.3	76.7	75.3	75.3	72.8	68	64.0	1.0	5.0	SE	0.00	30.410	66.9	48	30
7/31/01	10:00a	76.7	77.2	76.7	76.8	75.3	63	63.2	1.0	6.0	ENE	0.00	30.408	67.9	48	30
7/31/01	10:30a	78.3	79.0	78.3	78.5	76.7	56	61.3	2.0	7.0	ENE	0.00	30.402	68.4	46	30
7/31/01	11:00a	76.1	77.5	76.1	78.6	76.1	68	64.8	3.0	7.0	NNW	0.00	30.405	69.2	43	30
7/31/01	11:30a	76.1	77.9	76.1	76.7	75.4	70	65.6	4.0	8.0	NNW	0.00	30.404	69.4	42	30
7/31/01	12:00p	76.0	77.8	75.2	76.0	75.6	70	65.5	5.0	8.0	NNW	0.00	30.399	69.2	45	30
7/31/01	12:30p	77.0	78.6	76.3	77.0	75.4	69	66.0	5.0	8.0	NNW	0.00	30.398	71.2	45	30
7/31/01	1:00p	76.3	78.5	75.5	77.6	75.3	74	67.4	5.0	10.0	NNW	0.00	30.396	70.4	40	30
7/31/01	1:30p	76.0	78.0	76.0	76.5	75.8	73	66.7	4.0	10.0	NNW	0.00	30.398	70.1	42	30
7/31/01	2:00p	77.6	79.6	76.9	77.7	76.0	71	67.4	5.0	10.0	NNW	0.00	30.396	68.7	41	30
7/31/01	2:30p	77.9	79.2	77.9	78.3	77.2	65	65.2	4.0	8.0	NNW	0.00	30.389	69.4	45	30
7/31/01	3:00p	79.0	80.6	79.0	79.0	77.9	59	63.4	4.0	10.0	NNW	0.00	30.397	68.2	44	30
7/31/01	3:30p	78.5	80.2	78.5	79.0	78.1	65	65.8	4.0	10.0	NNW	0.00	30.399	67.5	48	30
7/31/01	4:00p	78.3	79.6	78.3	78.8	78.1	61	63.7	4.0	10.0	NNW	0.00	30.395	68.0	46	30
7/31/01	4:30p	79.4	78.1	79.4	79.8	78.5	33	47.8	3.0	7.0	N	0.00	30.379	67.9	48	30
7/31/01	5:00p	74.4	72.6	74.4	79.4	74.4	39	47.8	0.0	8.0	E	0.00	30.372	66.6	47	30
7/31/01	5:30p	70.4	68.6	70.4	74.4	70.4	41	45.6	0.0	0.0	N	0.00	30.383	65.6	45	30
7/31/01	6:00p	67.4	64.8	67.4	70.4	67.4	48	47.0	0.0	0.0	N	0.00	30.393	65.3	49	30
7/31/01	6:30p	65.6	62.5	65.6	67.4	65.6	50	46.5	0.0	0.0	N	0.00	30.382	64.0	48	30
7/31/01	7:00p	64.8	61.6	64.8	65.6	64.8	50	45.7	0.0	0.0	N	0.00	30.386	63.5	48	30
7/31/01	7:30p	64.5	61.3	64.5	64.8	64.5	50	45.4	0.0	0.0	N	0.00	30.387	63.3	47	30
7/31/01	8:00p	64.2	60.9	64.2	64.5	64.2	50	45.2	0.0	0.0	N	0.00	30.389	63.2	48	30
7/31/01	8:30p	63.5	60.2	63.5	64.2	63.5	50	44.5	0.0	0.0	N	0.00	30.397	63.0	48	30
7/31/01	9:00p	63.1	59.7	63.1	63.5	63.1	50	44.2	0.0	0.0	N	0.00	30.404	62.9	47	30
7/31/01	9:30p	62.4	58.8	62.4	63.1	62.4	48	42.4	0.0	0.0	N	0.00	30.407	62.4	46	30
7/31/01	10:00p	62.0	58.3	62.0	62.4	62.0	47	41.5	0.0	0.0	N	0.00	30.412	61.8	45	30
7/31/01	10:30p	61.6	57.8	61.6	62.0	61.6	46	40.6	0.0	0.0	N	0.00	30.415	61.4	45	30
7/31/01	11:00p	61.3	57.7	61.3	61.6	61.3	48	41.4	0.0	0.0	N	0.00	30.421	61.6	45	30
7/31/01	11:30p	61.0	57.4	61.0	61.3	61.0	48	41.2	0.0	0.0	N	0.00	30.431	61.1	45	30
7/31/01	12:00p	60.7	57.3	60.7	61.0	60.7	48	40.9	0.0	0.0	N	0.00	30.440	60.7	45	30

Current Graph: 31st O.C. GLV
Start time: 08:27:50 07/31/2001 Stop time: 15:44:20 07/31/2001

Legend: 21589 Worl 14217 Dow 21593 Upwind

Channel:	Aerosol	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3	mg/m^3
Average:	0.162	0.141	0.099
Lowest point:	0.054	0.077	0.039
Time	09:12:50	10:36:34	12:14:20
Date	07/31/2001	07/31/2001	07/31/2001
Highest point:	0.362	0.249	0.217
Time	10:27:50	11:36:34	10:59:20
Date	07/31/2001	07/31/2001	07/31/2001
Log interval: hh:mm:ss	00:15:00	00:15:00	00:15:00


Great La[illegible] Veneer
31 July, 01
21589 Workarea
14217 Down Wind
21593 Upwind
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Aerosol, mg/m^3
9AM
12PM
3PM
31 Tue Jul 2001
Date & Time



TES:

HE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
ROPRIATE BOLLARDS. BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE,
ABOVE. THE EXCAVATION SHALL

31 July 01

STATE OF NEW
MICHAEL J.

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	1 Aug. 2001
Oswego Castings (G.L.O.)	Oswego NY	Contract Number	D004283

Pump ID No.	Sample Location	~~Employee~~	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	Upwind	Dustrax	8:00	12:00	225	2.0	—	—
575816	Upwind	OCUW1-80	〃	〃	〃	2.0	450	Total D.
624512	Upwind	OCUW1	〃	〃	〃	.2	45.0	PCB
14217	Down Wind	Dustrax	8:10	12:05	214	2.0	—	—
600763	Down Wind	OCDW1-80	〃	〃	〃	2.0	428	Total Dust
600241	Down Wind	OCDW1	〃	〃	〃	.2	42.8	PCB
21589	Work Area	Dustrax	8:15	12:10	3 hrs.	2.0	—	—

Technicians Name	Bruce Floyd	Date/Time	1 Aug. 01	Signature	Bruce W. Floyd

Comments: * High traffic area due to Great Lakes Veneer equip. (Heavy) & Debarker, saw dust truck, & piles every where. Abscope working in Area & digging mass ~~Area~~. Equip. excavator Down.

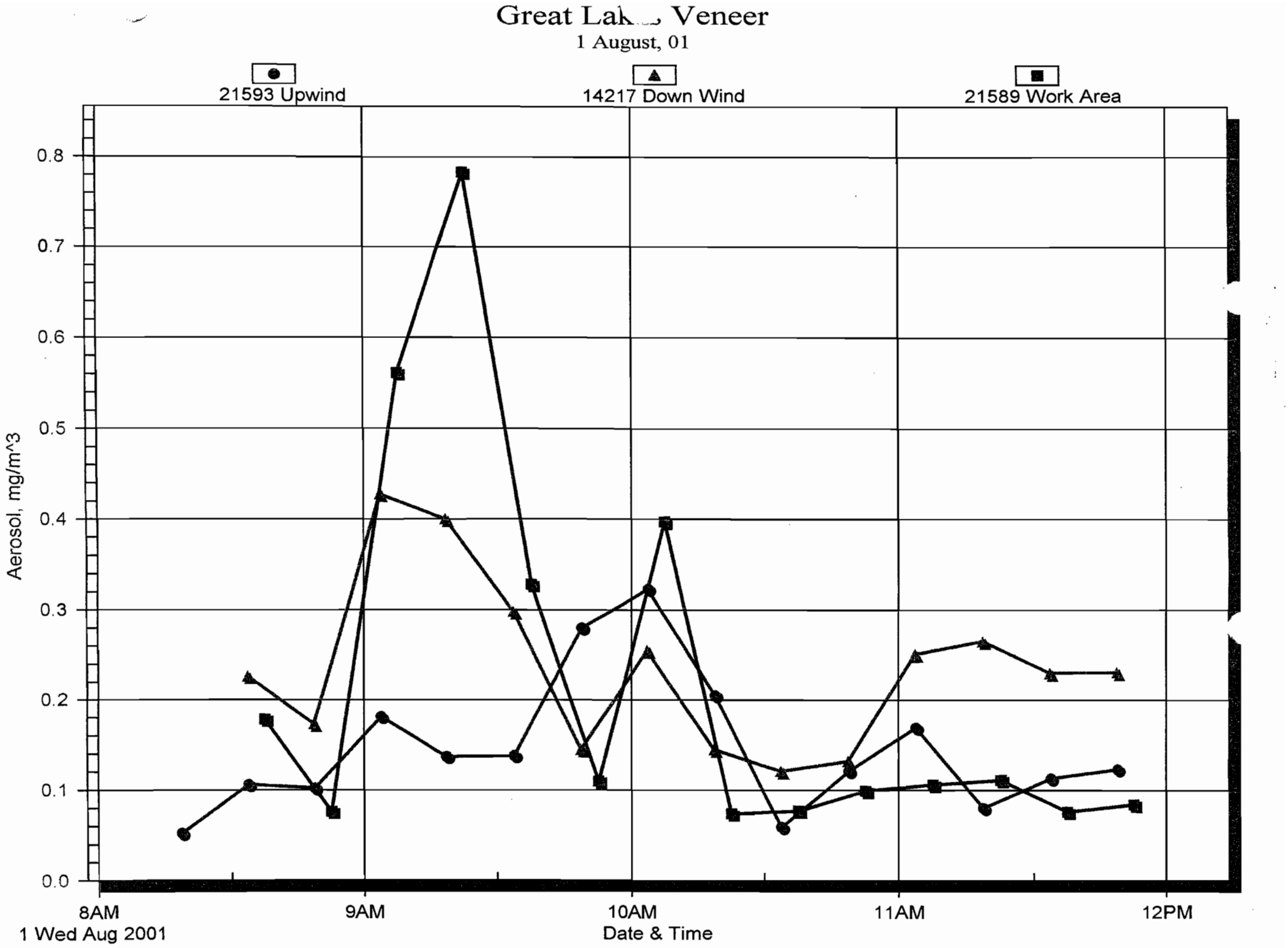
Oswego Castings/Great es Veneer 8/01/01

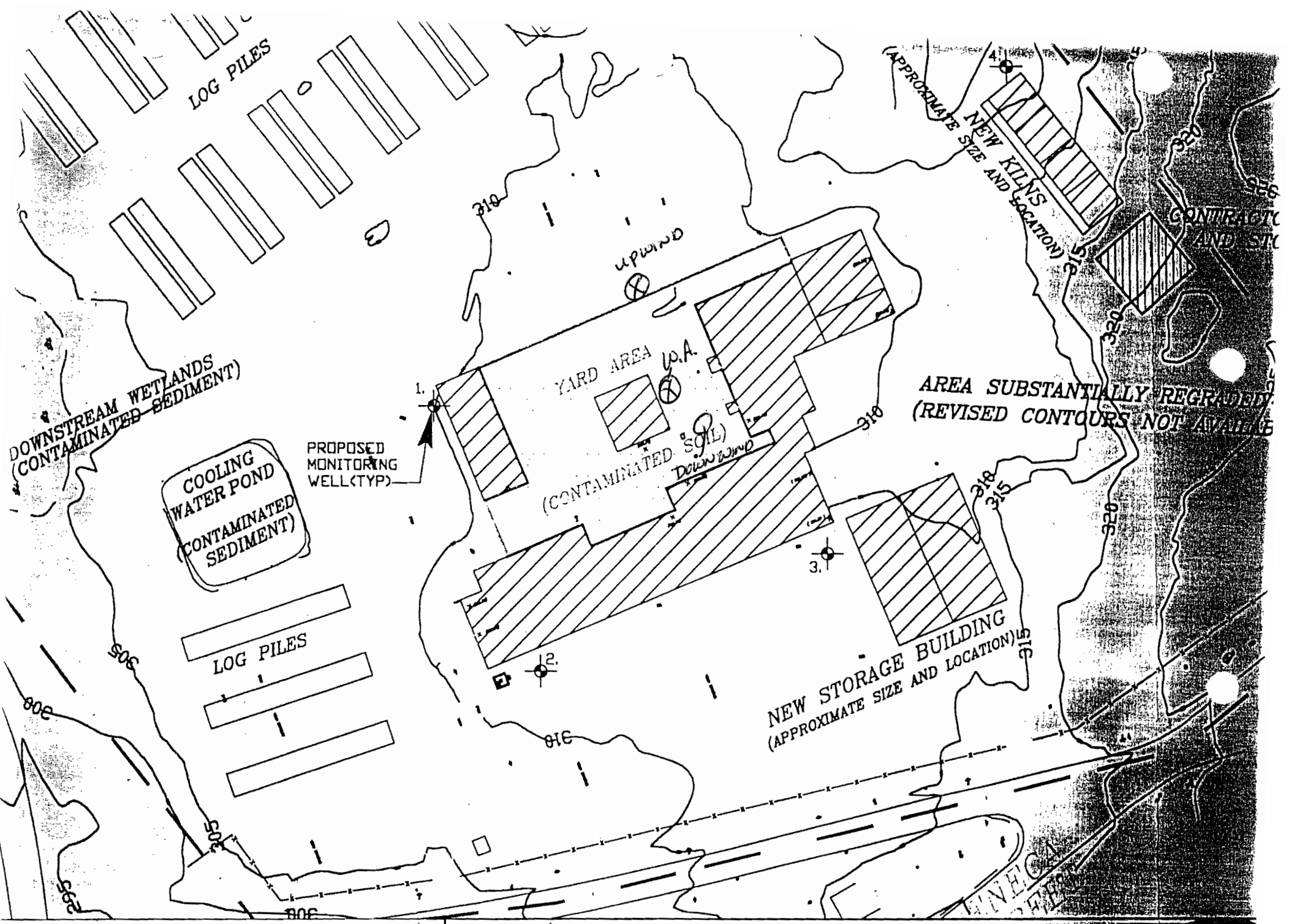
Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
8/01/01	12:00a	60.7	57.3	60.7	61.0	60.7	48	40.9	0.0	0.0	N	0.00	30.440	60.7	45	30
8/01/01	12:30a	60.7	57.3	60.7	60.7	60.7	47	40.3	0.0	0.0	N	0.00	30.439	61.0	44	30
8/01/01	1:00a	60.2	57.2	60.2	60.7	60.2	47	39.9	0.0	0.0	N	0.00	30.439	60.5	44	30
8/01/01	1:30a	60.4	57.3	60.4	60.4	60.2	48	40.6	0.0	0.0	N	0.00	30.431	60.8	44	30
8/01/01	2:00a	60.2	57.2	60.2	60.4	60.2	47	39.9	0.0	0.0	N	0.00	30.433	60.0	44	30
8/01/01	2:30a	60.1	57.2	60.1	60.2	60.1	47	39.8	0.0	0.0	N	0.00	30.434	60.5	44	30
8/01/01	3:00a	60.2	57.2	60.2	60.2	60.1	49	41.0	0.0	0.0	N	0.00	30.432	60.7	43	30
8/01/01	3:30a	60.4	57.2	60.4	60.4	60.2	46	39.5	0.0	1.0	E	0.00	30.435	60.8	43	30
8/01/01	4:00a	60.4	57.2	60.4	60.4	60.4	46	39.5	0.0	0.0	N	0.00	30.433	60.8	43	30
8/01/01	4:30a	60.5	57.3	60.5	60.5	60.4	45	39.0	0.0	0.0	N	0.00	30.447	61.0	43	30
8/01/01	5:00a	60.7	57.3	60.7	60.7	60.5	45	39.2	0.0	0.0	N	0.00	30.449	61.0	43	30
8/01/01	5:30a	60.5	57.3	60.5	60.7	60.5	45	39.0	0.0	0.0	N	0.00	30.455	60.0	43	30
8/01/01	6:00a	60.2	57.2	60.2	60.5	60.2	45	38.8	0.0	0.0	N	0.00	30.469	60.5	43	30
8/01/01	6:30a	60.5	57.2	60.5	60.5	60.2	44	38.5	0.0	0.0	N	0.00	30.474	61.0	43	30
8/01/01	7:00a	64.0	60.1	64.0	64.0	60.5	42	40.4	0.0	0.0	N	0.00	30.481	61.6	44	30
8/01/01	7:30a	67.8	69.3	67.8	67.8	64.0	85	63.1	0.0	3.0	S	0.00	30.486	64.6	61	30
8/01/01	8:00a	70.6	72.4	70.6	70.8	67.8	80	64.1	1.0	6.0	SSW	0.00	30.487	65.4	66	30
8/01/01	8:30a	72.5	74.1	72.5	72.5	70.6	78	65.2	2.0	7.0	SSE	0.00	30.490	66.2	55	30
8/01/01	9:00a	74.6	76.4	74.6	74.6	72.5	74	65.8	1.0	6.0	SSW	0.00	30.502	66.2	56	30
8/01/01	9:30a	77.2	79.0	77.2	77.2	74.7	70	66.7	1.0	6.0	SSW	0.00	30.500	67.2	57	30
8/01/01	10:00a	79.0	80.9	79.0	79.0	77.2	65	66.2	1.0	6.0	S	0.00	30.486	68.5	56	30
8/01/01	10:30a	81.2	82.6	81.2	81.2	79.0	57	64.5	1.0	5.0	SSW	0.00	30.486	69.9	58	30
8/01/01	11:00a	83.8	86.7	83.8	84.0	81.2	58	67.4	1.0	5.0	N	0.00	30.484	71.1	46	30
8/01/01	11:30a	82.4	84.4	82.4	83.8	82.2	59	66.6	2.0	6.0	N	0.00	30.487	72.1	46	30
8/01/01	12:00p	81.1	83.6	81.1	82.4	80.5	63	67.3	2.0	7.0	N	0.00	30.486	72.1	45	30
8/01/01	12:30p	80.3	82.4	80.3	81.2	80.3	62	66.1	3.0	7.0	N	0.00	30.485	72.6	43	30
8/01/01	1:00p	81.1	82.6	80.6	81.1	79.6	58	64.9	5.0	10.0	N	0.00	30.477	72.6	42	30
8/01/01	1:30p	82.6	84.6	82.6	82.6	81.1	56	65.3	4.0	10.0	N	0.00	30.467	71.6	40	30
8/01/01	2:00p	83.8	85.2	83.8	83.8	82.6	48	62.0	4.0	8.0	N	0.00	30.455	70.6	41	30
8/01/01	2:30p	83.8	84.3	83.8	85.1	83.8	43	58.9	3.0	8.0	N	0.00	30.450	70.1	42	30
8/01/01	3:00p	83.4	83.9	83.0	84.0	83.0	43	58.6	5.0	8.0	N	0.00	30.445	69.7	44	30
8/01/01	3:30p	84.7	84.5	84.7	84.7	83.4	39	57.0	4.0	10.0	N	0.00	30.423	68.7	44	30
8/01/01	4:00p	85.3	84.9	85.3	85.5	84.7	38	56.8	3.0	7.0	N	0.00	30.404	67.7	47	30
8/01/01	4:30p	80.7	78.9	80.7	85.7	80.7	27	43.6	1.0	7.0	N	0.00	30.397	65.9	46	30
8/01/01	5:00p	74.6	72.8	74.6	80.5	74.6	33	43.6	0.0	0.0	N	0.00	30.403	64.3	48	30
8/01/01	5:30p	71.5	69.4	71.5	74.6	71.5	38	44.5	0.0	0.0	N	0.00	30.410	63.3	49	30
8/01/01	6:00p	69.9	68.1	69.9	71.5	69.9	40	44.5	0.0	0.0	N	0.00	30.415	62.9	50	30
8/01/01	6:30p	69.1	67.3	69.1	69.9	69.1	41	44.4	0.0	0.0	N	0.00	30.404	62.2	50	30
8/01/01	7:00p	69.1	67.3	69.1	69.3	69.1	40	43.8	0.0	0.0	N	0.00	30.397	61.6	50	30
8/01/01	7:30p	67.8	65.5	67.8	69.1	67.8	39	41.9	0.0	0.0	N	0.00	30.394	60.2	49	30
8/01/01	8:00p	68.3	66.5	68.3	68.3	67.6	41	43.7	0.0	0.0	N	0.00	30.391	61.0	50	30
8/01/01	8:30p	66.3	62.5	66.3	68.3	66.3	41	41.9	0.0	0.0	N	0.00	30.391	60.0	50	30
8/01/01	9:00p	64.7	60.8	64.7	66.1	64.7	42	41.1	0.0	0.0	N	0.00	30.389	59.6	50	30
8/01/01	9:30p	63.9	60.0	63.9	64.7	63.9	43	41.0	0.0	0.0	N	0.00	30.393	59.4	49	30
8/01/01	10:00p	63.2	59.3	63.2	63.9	63.2	44	40.9	0.0	0.0	N	0.00	30.394	58.8	49	30
8/01/01	10:30p	62.7	58.8	62.7	63.2	62.7	44	40.5	0.0	0.0	N	0.00	30.387	58.8	48	30
8/01/01	11:00p	62.6	58.8	62.6	62.7	62.6	45	40.9	0.0	0.0	N	0.00	30.378	59.7	48	30
8/01/01	11:30p	62.3	58.4	62.3	62.6	62.3	45	40.7	0.0	0.0	N	0.00	30.370	60.2	49	30
8/01/01	12:00p	62.1	58.2	62.1	62.3	62.1	45	40.5	0.0	0.0	N	0.00	30.364	59.9	48	30

Current Graph: 1 August, 01
Start time: 08:03:54 08/01/2001 Stop time: 11:52:40 08/01/2001

Legend: 21593 Upw. 14217 Dowi 21589 Work Area

Channel: (Units)	Aerosol mg/m^3	Aerosol mg/m^3	Aerosol mg/m^3
Average:	0.146	0.236	0.219
Lowest point:	0.052	0.121	0.074
Time	08:18:54	10:33:40	10:22:40
Date	08/01/2001	08/01/2001	08/01/2001
Highest point:	0.323	0.428	0.783
Time	10:03:54	09:03:40	09:22:40
Date	08/01/2001	08/01/2001	08/01/2001
Log interval: hh:mm:ss	00:15:00	00:15:00	00:15:00


Great Lak[illegible] Veneer
1 August, 01
21593 Upwind
14217 Down Wind
21589 Work Area
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Aerosol, mg/m^3
8AM
9AM
10AM
11AM
12PM
1 Wed Aug 2001
Date & Time



OTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

1 Aug, 2001

STATE OF NEW

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	2 August, 2001
Oswego Castings (G.L.V.)	Oswego, New York	Contract Number	D004283

Pump ID No.	Sample Location	~~Employee~~	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	upwind (See map)	~~Dustrax~~	745	325	—	2.0	—	—
575876	" "	Total Dust OCDW2-80	↓	↓	454	2.0	908	Total Dust
624512	" "	florisil OCDW2	↓	↓	454	.2	90.8	PCB
14217	Down wind (see map)	Dustrax	750	330	452	2.0	—	—
600763	" "	Total Dust OCDW2-80	↓	↓	452	2.0	904	Total Dust
600241	" "	florisil OCDW2	↓	↓	452	.2	90.4	PCB
21589	Work Area	Dustrax	755	3:30	—	2.0	—	—
624467	Randy Danhaese	Excavator Operator → Rick Danhaese	7:30	3:35	624	.2	124.8	PCB

Technicians Name	Bruce Floyd	Date/Time	2 Aug 01 1400	Signature	Bruce W. Floyd

Comments: *Placed (PCB) Sample in cab of excavator w/ operator Rick Danhaese Placed pumps in Area's - U.W., D.W., W/A. Wind were reversed from there normal pattern today. Randy & myself spent good portion of morning Wetting down area along w/ 1 GW employee.

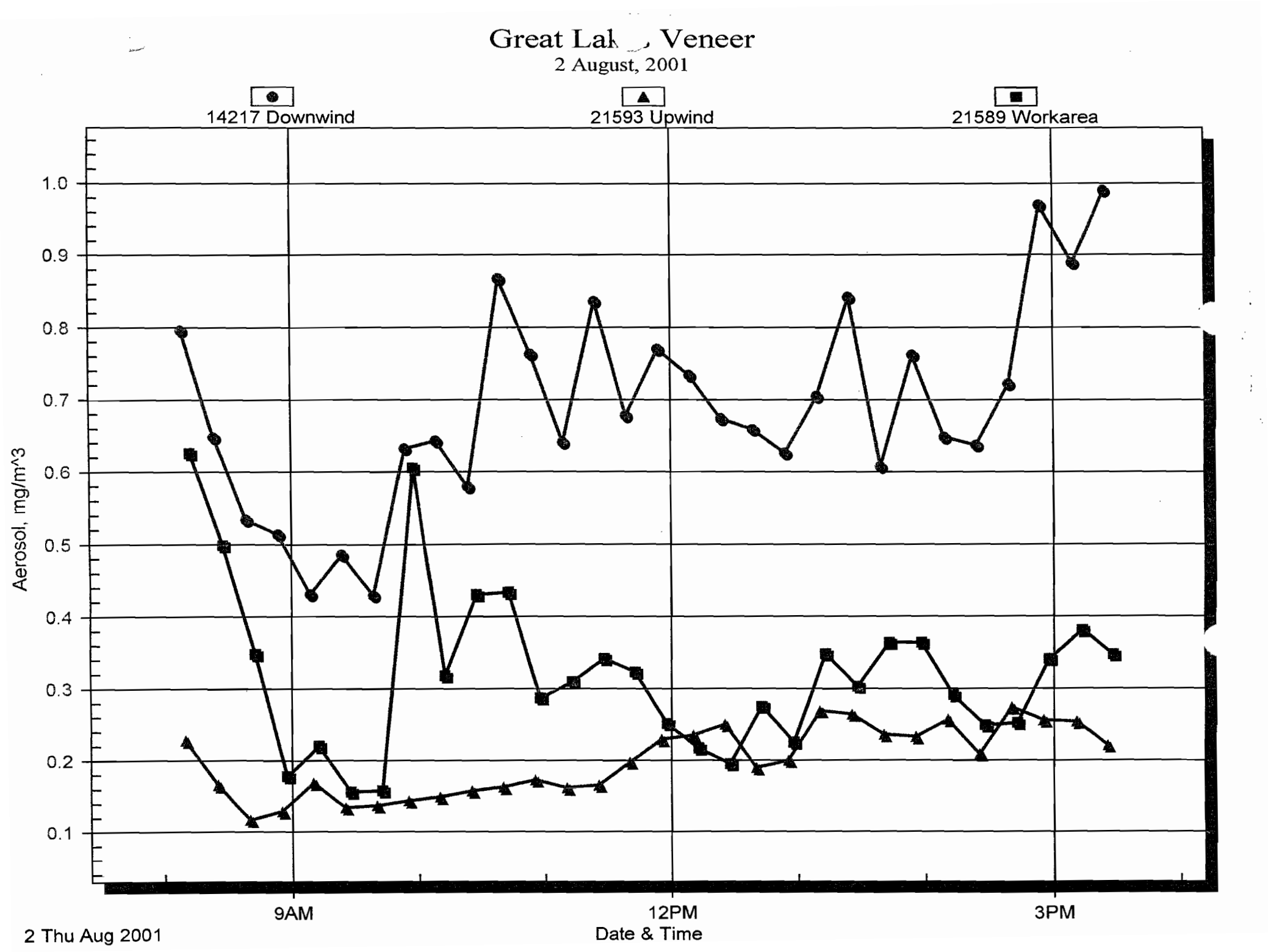
Oswego Castings/Great ɜs Veneer 8/02/01

Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
8/02/01	12:00a	62.1	58.2	62.1	62.3	62.1	45	40.5	0.0	0.0	N	0.00	30.364	59.9	48	30
8/02/01	12:30a	61.8	57.9	61.8	62.1	61.8	45	40.2	0.0	0.0	N	0.00	30.364	59.3	48	30
8/02/01	1:00a	61.8	57.9	61.8	62.0	61.8	45	40.2	0.0	0.0	N	0.00	30.351	59.4	46	30
8/02/01	1:30a	61.6	57.9	61.6	61.8	61.6	47	41.2	0.0	0.0	N	0.00	30.345	60.5	48	30
8/02/01	2:00a	61.5	57.9	61.5	61.8	61.5	48	41.6	0.0	0.0	N	0.00	30.343	59.7	48	30
8/02/01	2:30a	61.5	57.7	61.5	61.6	61.5	45	39.9	0.0	1.0	ENE	0.00	30.345	58.7	48	30
8/02/01	3:00a	61.5	57.8	61.5	61.5	61.3	47	41.1	0.0	0.0	N	0.00	30.350	60.5	49	30
8/02/01	3:30a	61.3	57.5	61.3	61.5	61.3	45	39.8	0.0	0.0	N	0.00	30.349	59.9	48	30
8/02/01	4:00a	61.3	57.5	61.3	61.5	61.3	45	39.8	0.0	0.0	N	0.00	30.345	58.5	48	30
8/02/01	4:30a	61.2	57.5	61.2	61.3	61.2	45	39.7	0.0	0.0	N	0.00	30.350	60.0	48	30
8/02/01	5:00a	61.0	57.3	61.0	61.3	61.0	45	39.5	0.0	0.0	N	0.00	30.344	58.8	48	30
8/02/01	5:30a	61.0	57.3	61.0	61.0	61.0	45	39.5	0.0	0.0	N	0.00	30.344	60.3	47	30
8/02/01	6:00a	60.9	57.3	60.9	61.2	60.9	45	39.4	0.0	0.0	N	0.00	30.344	59.0	48	30
8/02/01	6:30a	61.0	57.3	61.0	61.0	60.9	46	40.1	0.0	0.0	N	0.00	30.345	60.5	47	30
8/02/01	7:00a	61.0	57.3	61.0	61.0	61.0	46	40.1	0.0	0.0	N	0.00	30.346	60.3	48	30
8/02/01	7:30a	71.8	73.3	71.8	71.8	61.0	78	64.6	1.0	6.0	SSW	0.00	30.337	61.3	53	30
8/02/01	8:00a	74.9	76.7	74.9	74.9	71.8	74	66.1	1.0	6.0	SSW	0.00	30.335	64.6	63	30
8/02/01	8:30a	77.2	79.2	77.2	77.2	74.9	71	67.1	2.0	8.0	SSW	0.00	30.334	63.6	55	30
8/02/01	9:00a	79.6	81.7	79.6	79.8	77.4	64	66.3	2.0	8.0	SW	0.00	30.324	64.0	49	30
8/02/01	9:30a	81.8	84.5	81.8	81.8	79.6	63	68.0	3.0	10.0	SSW	0.00	30.324	63.6	50	30
8/02/01	10:00a	83.2	86.2	83.2	83.2	81.1	61	68.3	2.0	8.0	SW	0.00	30.319	66.1	56	30
8/02/01	10:30a	84.1	87.3	84.1	84.3	83.2	58	67.7	3.0	10.0	SSW	0.00	30.316	65.8	52	30
8/02/01	11:00a	84.9	89.2	84.9	84.9	83.0	60	69.5	3.0	10.0	SW	0.00	30.310	65.4	55	30
8/02/01	11:30a	87.2	92.7	87.2	87.2	85.1	57	70.1	3.0	11.0	SW	0.00	30.309	67.4	54	30
8/02/01	12:00p	87.8	91.8	87.8	88.8	87.2	51	67.4	2.0	8.0	NNW	0.00	30.303	68.5	57	30
8/02/01	12:30p	85.7	89.8	85.7	87.8	85.7	57	68.7	3.0	8.0	NNW	0.00	30.298	68.9	50	30
8/02/01	1:00p	87.0	92.0	87.0	88.4	85.5	56	69.4	2.0	6.0	NNW	0.00	30.284	68.2	58	30
8/02/01	1:30p	85.5	89.8	85.5	87.0	85.1	58	69.0	2.0	6.0	NNW	0.00	30.273	67.7	49	30
8/02/01	2:00p	85.3	89.1	85.3	85.5	84.3	57	68.3	2.0	5.0	NNW	0.00	30.269	67.9	61	30
8/02/01	2:30p	88.6	92.3	88.6	88.6	85.3	48	66.4	2.0	7.0	NNW	0.00	30.262	67.7	51	30
8/02/01	3:00p	85.5	88.9	85.5	88.6	85.5	55	67.5	2.0	5.0	NNW	0.00	30.259	66.9	52	30
8/02/01	3:30p	85.7	89.1	85.7	85.7	85.1	55	67.7	0.0	2.0	NW	0.00	30.252	65.6	50	30
8/02/01	4:00p	85.9	86.6	85.9	86.5	85.7	44	61.5	0.0	2.0	SSW	0.00	30.235	64.5	50	30
8/02/01	4:30p	84.0	82.0	84.0	86.1	84.0	29	48.3	0.0	2.0	NW	0.00	30.226	65.4	57	30
8/02/01	5:00p	72.3	70.6	72.3	84.0	72.3	42	47.9	0.0	0.0	N	0.00	30.225	63.6	49	30
8/02/01	5:30p	65.8	62.7	65.8	72.1	65.8	49	46.1	0.0	0.0	N	0.00	30.228	62.7	50	30
8/02/01	6:00p	63.2	60.1	63.2	65.8	63.2	53	45.8	0.0	0.0	N	0.00	30.220	62.2	51	30
8/02/01	6:30p	62.1	59.0	62.1	63.2	62.1	55	45.7	0.0	0.0	N	0.00	30.216	62.1	52	30
8/02/01	7:00p	61.8	58.8	61.8	62.1	61.8	57	46.4	0.0	0.0	N	0.00	30.215	62.1	53	30
8/02/01	7:30p	61.5	58.4	61.5	61.8	61.5	56	45.7	0.0	0.0	N	0.00	30.200	61.8	53	30
8/02/01	8:00p	61.8	58.9	61.8	61.8	61.5	58	46.9	0.0	0.0	N	0.00	30.194	62.4	54	30
8/02/01	8:30p	61.5	58.6	61.5	61.8	61.5	59	47.0	0.0	0.0	N	0.00	30.184	61.4	54	30
8/02/01	9:00p	61.3	58.2	61.3	61.6	61.3	56	45.5	0.0	0.0	N	0.00	30.188	61.3	52	30
8/02/01	9:30p	61.3	58.0	61.3	61.5	61.3	54	44.5	0.0	0.0	N	0.00	30.195	61.4	52	30
8/02/01	10:00p	61.2	57.9	61.2	61.3	61.0	54	44.4	0.0	0.0	N	0.00	30.194	61.4	51	30
8/02/01	10:30p	61.0	57.9	61.0	61.2	60.9	56	45.2	0.0	0.0	N	0.00	30.190	61.4	52	30
8/02/01	11:00p	60.9	57.9	60.9	61.0	60.7	57	45.6	0.0	0.0	N	0.00	30.184	61.0	54	30
8/02/01	11:30p	60.7	57.7	60.7	60.9	60.7	56	44.9	0.0	0.0	N	0.00	30.174	61.0	53	30
8/02/01	12:00p	60.7	57.6	60.7	60.9	60.7	55	44.4	0.0	0.0	N	0.00	30.171	60.2	53	30

Current Graph: 2nd Aug 01, OCGLV
Start time: 07:53:58 08/02/2001 Stop time: 15:27:58 08/02/2001

Legend: 14217 Down 21593 Upw. 21589 Workarea

Channel:	Aerosol	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3	mg/m^3
Average:	0.690	0.199	0.321
Lowest point:	0.429	0.117	0.156
Time	09:38:58	08:40:19	09:27:58
Date	08/02/2001	08/02/2001	08/02/2001
Highest point:	0.990	0.274	0.626
Time	15:23:58	14:40:19	08:12:58
Date	08/02/2001	08/02/2001	08/02/2001
Log interval: hh:mm:ss	00:15:00	00:15:00	00:15:00


Great Lak_ Veneer
2 August, 2001
14217 Downwind
21593 Upwind
21589 Workarea
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
Aerosol, mg/m^3
9AM
12PM
3PM
2 Thu Aug 2001
Date & Time

Galson Laboratories

6601 Kirkville Road
P.O. Box 369
E. Syracuse, NY 13057
Tel: (315) 437-7252 888-577-Labs (5227)
Fax: (315) 437-0571

Request For Industrial Hygiene Analysis

Company Name: O'Rourke, Inc.
Site Name: Oswego Castings (Great Lakes Veneer)
Sampled By: Bruce Floyd
Project #: D004783

Send Report to: O'Rourke Inc.
P.O. Box
Owego NY 13827

Invoice to: O'Rourke Inc
P.O. Box
Owego NY 13827

☐ Purchase order number _____
(or)
☐ Credit Card (type) _____ Card # _____ Exp Date _____
☐ Verbal Authorization _____

☒ Standard Turn-Around Time OR ☐ Rush: Date and Time Requested: ___/___/___ am pm
☐ Phone Results to: _____ Phone # ( ) - - ext.
☒ Fax Results to: Bruce Floyd Fax # ( ) - -
☐ Email Results to: _____

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Requested	Method Reference
OCUW2-8D	2 Aug 01	37 mm 5u PVC (BB)	908	TOTAL DUST	N0500
OCUW2	2 Aug 01	florisil tube (filter/tube BB)	90.8	PCB	N5503
OCDW2-8D	2 Aug 01	37 mm 5u	904	TOTAL DUST	N0500
OCDW2	2 Aug 01	florisil tube	90.4	PCB	N5503
Rick Danhaese	2 Aug 01	florisil tube	124.8	PCB	N5503
Pers. TRE. 2	31 July 01	florisil tube	88.2	PCB	N5503

*For passive monitors please list time exposed in minutes.

Comments (Please list any known interferences present in sampling area): Blanks not submitted/BB

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by:	Bruce Floyd	Bruce W. Floyd	3 Aug 01 1645
Received by LAB.	Bruce Baxter	Bruce Baxter	8/3 @ 1645

Samples received after 3pm will be considered as next day's business.

LAB ORIGINAL

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : O'Rourke Incorporated
Site : Oswego Castings(Great Lakes)
Project No. : D004283

Date Sampled : 02-AUG-01
Date Received : 03-AUG-01
Date Analyzed : 07-AUG-01

Account No.: 12312
Login No. : L73526

Total Dust

Sample ID	Lab ID	Air Vol m3	Total mg	Conc mg/m3
OCUW2-8D	L73526-1	0.908	0.370	0.41
OCDW2-8D	L73526-2	0.904	0.838	0.93

COMMENTS: PNOR = Particulates Not Otherwise Regulated.

Level of quantitation: 0.05 mg
Analytical Method : NIOSH 0500; GRAV
OSHA PEL (TWA) : PNOR 15 mg/m3
Collection Media : PVC PW

Submitted by: LK
Approved by : Oommen Kappil
Date : 10-AUG-01
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified

Galson Laboratories
6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : O'Rourke Incorporated
Site : Oswego Castings(Great Lakes)
Project No. : D004283

Date Sampled : 31-JUL-01 - 02-AUG-01 Account No.: 12312
Date Received : 03-AUG-01 Login No. : L73526
Date Analyzed : 10-AUG-01

PCB (Aroclors 1016-1260)

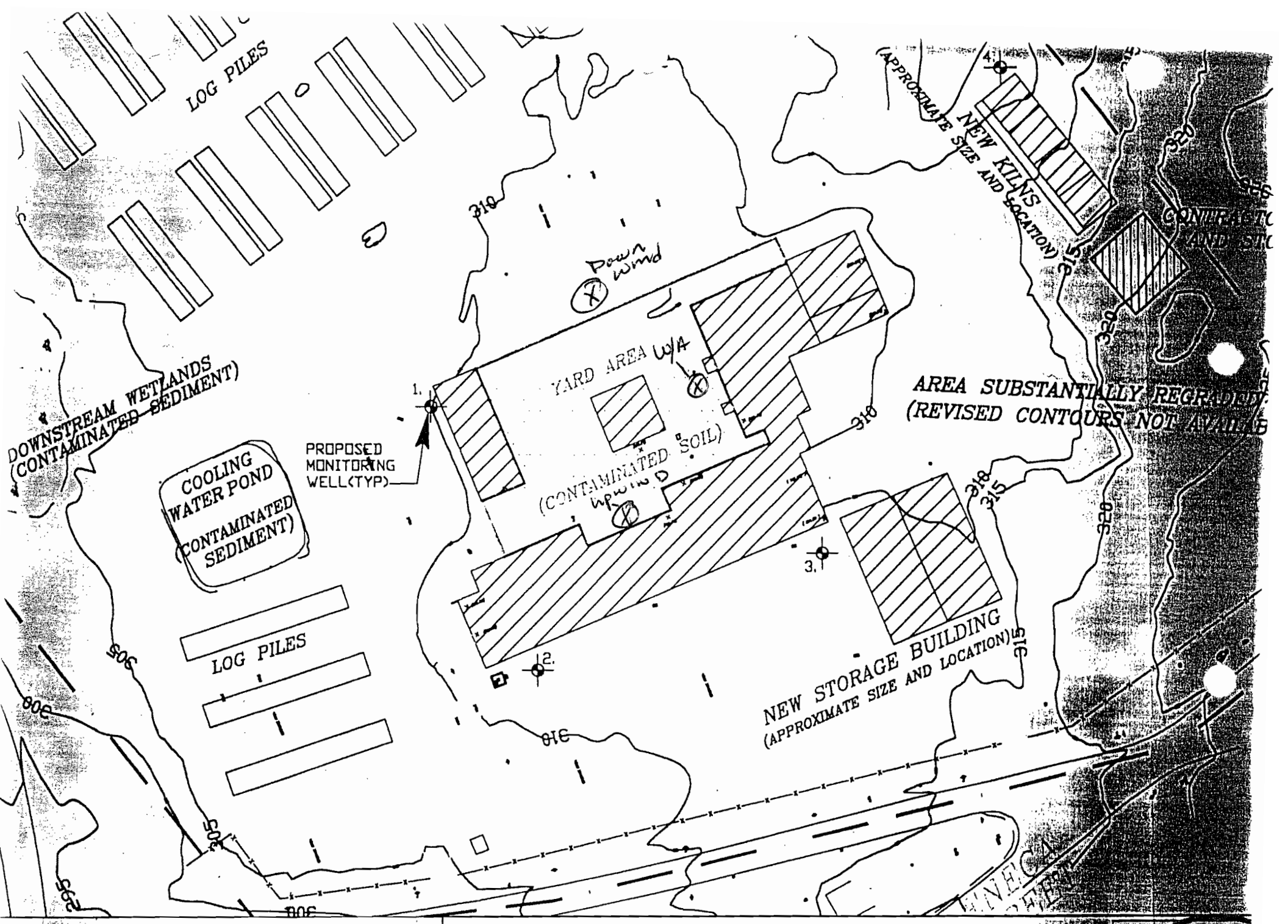
	Sample ID	Lab ID	Air Vol liter	Front ug	Back ug	Total ug	Conc mg/m3
	OCUW2	L73526-3	90.8	<0.05	<0.05	<0.05	<0.0006
	OCDW2	L73526-4	90.4	<0.05	<0.05	<0.05	<0.0006
*	RICK DANHAESE	L73526-5	124.8	0.50	<0.05	0.50	0.004
*	PERS. TRE. 2	L73526-6	88.2	0.23	<0.05	0.23	0.003

COMMENTS: * Aroclor 1242 pattern.
Total ug corrected for a desorption efficiency of 100%.

Level of quantitation: 0.05 ug
Analytical Method : NIOSH 5503; GC/ECD
OSHA PEL (TWA) : 0.5-1 mg/m3
Collection Media : Filter & Tube

Submitted by: cmh
Approved by : dkf
Date : 13-AUG-01
QC by:
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million



OTES:

THE CASING FOR WELL I SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

2 Aug, 2001

STATE OF NEW

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	3 Aug, 2001
Oswego Casting (Great Lakes Veneer)	Oswego, New York	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	Upwind	DUSTRAX	7:55	330	461	2.0	—	N/A
575876	" "	Sample ID# OCUW3-8D	↓	↓	↓	2.0	922	TOTAL DUST
624512	" "	OCUW3	↓	↓	↓	.2	92.2	PCB
14217	Downwind	DUSTRAX	7:50	335	453	2.0	—	N/A
600763	" "	OCDW3-8D	↓	↓	↓	2.0	906	TOTAL DUST
600241	" "	OCDW3	↓	↓	↓	.2	90.6	PCB
21589	Work Area	DUSTRAX	↓	↓	—	2.0	—	N/A
624467	Personal	—	—	—	—	—	—	NONE SHIP.

Technicians Name	Bruce Floyd	Date/Time	3 Aug, 2001	Signature	Bruce W Floyd

Comments: * Went to extreme measures today in wetting down areas around and in the Work Area. Then left sprinkler going. No PID checks were done today. Sending - Thursday's set of samples out for DEC choice. Also sending 2 PCB Samples.

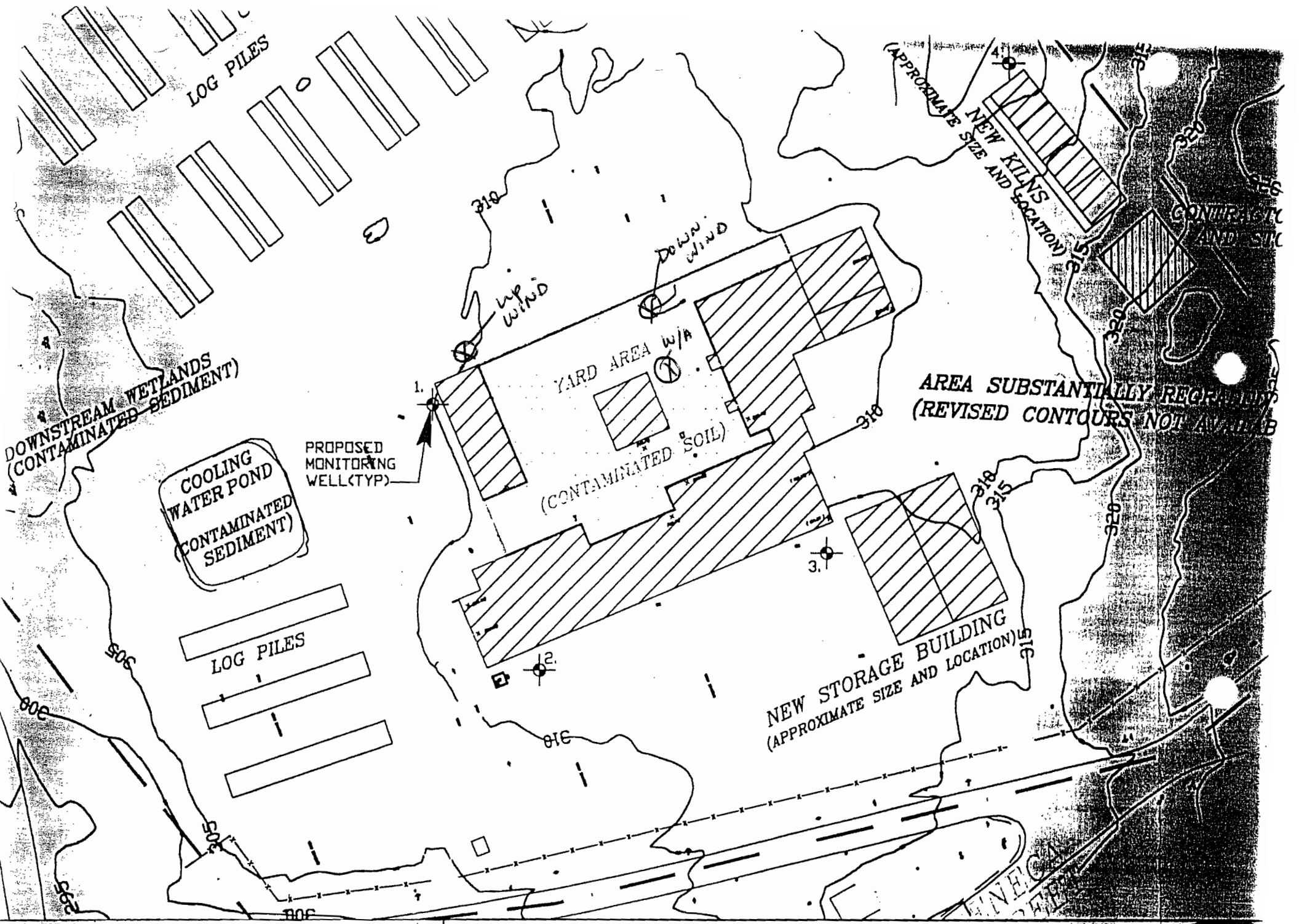
Oswego Castings/Great :es Veneer 8/03/01

Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
8/03/01	12:00a	60.7	57.6	60.7	60.9	60.7	55	44.4	0.0	0.0	N	0.00	30.171	60.2	53	30
8/03/01	12:30a	60.7	57.6	60.7	60.9	60.7	55	44.4	0.0	0.0	N	0.00	30.165	59.9	53	30
8/03/01	1:00a	60.9	57.9	60.9	60.9	60.7	57	45.6	0.0	0.0	N	0.00	30.159	59.9	55	30
8/03/01	1:30a	60.9	57.9	60.9	61.0	60.9	57	45.6	0.0	0.0	N	0.00	30.150	60.5	53	30
8/03/01	2:00a	60.7	57.7	60.7	61.0	60.7	56	44.9	0.0	0.0	N	0.00	30.145	60.7	53	30
8/03/01	2:30a	60.9	58.0	60.9	60.9	60.5	59	46.5	0.0	0.0	N	0.00	30.146	61.0	55	30
8/03/01	3:00a	61.0	58.3	61.0	61.0	60.5	62	47.9	0.0	0.0	N	0.00	30.146	61.4	57	30
8/03/01	3:30a	61.2	58.5	61.2	61.2	60.9	61	47.6	0.0	1.0	ENE	0.00	30.142	61.6	58	30
8/03/01	4:00a	61.0	58.3	61.0	61.2	60.9	62	47.9	0.0	0.0	N	0.00	30.132	61.1	58	30
8/03/01	4:30a	60.9	58.1	60.9	61.0	60.9	60	46.9	0.0	0.0	N	0.00	30.133	61.0	56	30
8/03/01	5:00a	60.9	58.0	60.9	61.0	60.7	59	46.5	0.0	0.0	N	0.00	30.129	60.8	56	30
8/03/01	5:30a	60.7	57.7	60.7	60.9	60.7	57	45.4	0.0	0.0	N	0.00	30.131	60.0	55	30
8/03/01	6:00a	60.7	57.8	60.7	61.0	60.7	58	45.8	0.0	0.0	N	0.00	30.132	60.3	55	30
8/03/01	6:30a	60.7	57.8	60.7	60.9	60.7	59	46.3	0.0	0.0	N	0.00	30.133	60.5	55	30
8/03/01	7:00a	66.4	67.7	66.4	66.4	60.7	100	66.4	0.0	3.0	WSW	0.01	30.131	60.3	61	30
8/03/01	7:30a	73.7	77.3	73.7	73.7	66.3	100	73.7	0.0	5.0	SW	0.00	30.128	64.5	81	30
8/03/01	8:00a	76.0	79.6	76.0	76.0	73.7	90	72.9	1.0	6.0	NW	0.00	30.129	64.8	63	30
8/03/01	8:30a	77.2	80.9	77.2	77.4	76.0	87	73.0	1.0	5.0	N	0.00	30.134	61.6	59	30
8/03/01	9:00a	77.4	81.2	77.4	77.6	76.5	86	72.9	1.0	6.0	NW	0.00	30.133	62.4	63	30
8/03/01	9:30a	76.8	80.3	76.8	77.9	76.8	87	72.6	1.0	7.0	NW	0.00	30.134	61.8	60	30
8/03/01	10:00a	77.2	80.9	77.2	77.6	76.8	85	72.3	1.0	6.0	NW	0.00	30.135	62.7	60	30
8/03/01	10:30a	79.0	83.2	79.0	79.0	77.2	82	73.0	1.0	6.0	NNW	0.00	30.125	62.1	57	30
8/03/01	11:00a	78.8	82.7	78.8	79.6	78.6	81	72.5	2.0	7.0	N	0.00	30.125	62.7	56	30
8/03/01	11:30a	77.4	81.2	77.4	78.8	77.4	85	72.5	3.0	7.0	N	0.00	30.128	62.9	57	30
8/03/01	12:00p	78.6	82.6	78.6	79.0	77.0	82	72.6	3.0	7.0	N	0.00	30.119	65.1	60	30
8/03/01	12:30p	78.8	83.1	78.8	78.8	77.7	83	73.2	3.0	8.0	N	0.00	30.109	66.1	55	30
8/03/01	1:00p	77.9	81.9	77.9	80.3	77.9	84	72.7	3.0	7.0	N	0.00	30.101	64.9	52	30
8/03/01	1:30p	77.6	81.6	77.6	77.9	77.2	86	73.1	3.0	7.0	N	0.00	30.094	64.6	54	30
8/03/01	2:00p	78.5	82.6	78.5	78.5	77.6	83	72.9	2.0	7.0	N	0.00	30.082	63.3	55	30
8/03/01	2:30p	78.1	82.0	78.1	78.8	77.6	83	72.5	2.0	6.0	N	0.00	30.072	63.3	58	30
8/03/01	3:00p	78.1	82.2	78.1	78.1	77.0	84	72.9	3.0	7.0	N	0.00	30.069	64.5	61	30
8/03/01	3:30p	77.4	81.2	77.4	78.3	76.8	85	72.5	2.0	6.0	N	0.00	30.068	63.3	57	30
8/03/01	4:00p	77.9	81.7	77.9	78.1	77.4	82	72.0	2.0	5.0	N	0.00	30.055	62.2	56	30
8/03/01	4:30p	78.5	78.3	78.5	78.8	77.9	45	55.4	1.0	3.0	N	0.00	30.046	63.2	69	30
8/03/01	5:00p	73.2	72.4	73.2	78.5	73.2	47	51.8	0.0	0.0	N	0.00	30.060	64.3	58	30
8/03/01	5:30p	69.1	67.3	69.1	73.2	69.1	44	46.3	0.0	0.0	N	0.00	30.063	61.6	53	30
8/03/01	6:00p	66.3	62.9	66.3	69.1	66.3	45	44.3	0.0	0.0	N	0.00	30.050	60.0	53	30
8/03/01	6:30p	64.3	60.8	64.3	66.1	64.3	47	43.6	0.0	0.0	N	0.00	30.048	59.3	53	30
8/03/01	7:00p	63.5	60.1	63.5	64.3	63.5	49	44.0	0.0	0.0	N	0.00	30.062	59.1	54	30
8/03/01	7:30p	62.9	59.4	62.9	63.5	62.9	49	43.4	0.0	0.0	N	0.00	30.053	58.7	54	30
8/03/01	8:00p	62.1	58.4	62.1	62.9	62.1	47	41.6	0.0	0.0	N	0.00	30.056	57.4	53	30
8/03/01	8:30p	61.0	57.3	61.0	62.1	61.0	47	40.6	0.0	0.0	N	0.00	30.047	56.1	53	30
8/03/01	9:00p	59.6	57.2	59.6	61.0	59.6	47	39.3	0.0	0.0	N	0.00	30.063	54.9	53	30
8/03/01	9:30p	58.7	57.1	58.7	59.6	58.7	51	40.6	0.0	0.0	N	0.00	30.057	55.2	56	30
8/03/01	10:00p	58.0	57.1	58.0	58.7	58.0	50	39.5	0.0	0.0	N	0.00	30.068	54.2	55	30
8/03/01	10:30p	57.5	57.1	57.5	58.0	57.5	50	39.0	0.0	0.0	N	0.00	30.059	54.0	54	30
8/03/01	11:00p	57.2	57.0	57.2	57.5	57.2	50	38.7	0.0	0.0	N	0.00	30.065	54.5	53	30
8/03/01	11:30p	57.0	57.0	57.0	57.2	57.0	53	40.0	0.0	0.0	N	0.00	30.087	54.5	55	30
8/03/01	12:00p	56.7	56.7	56.7	57.0	56.7	55	40.7	0.0	0.0	N	0.00	30.081	54.9	57	30

Current Graph: 3 Aug, 01 OCGLV
Start time: 07:56:41 08/03/2001 Stop time: 15:27:59 08/03/2001

Legend: 14217 Dowl 21589 Worl 21593 Upwind

Channel:	Aerosol	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3	mg/m^3
Average:	0.518	0.271	0.176
Lowest point:	0.155	0.073	0.055
Time	14:41:41	14:57:07	14:57:59
Date	08/03/2001	08/03/2001	08/03/2001
Highest point:	2.656	0.947	0.687
Time	08:26:41	08:12:07	08:12:59
Date	08/03/2001	08/03/2001	08/03/2001
Log interval: hh:mm:ss	00:15:00	00:15:00	00:15:00



OTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS. BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

3 Aug 61

STATE OF NEW

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	6 August, 2001
Oswego Casting (Great Lakes Veneer)	Oswego, New York.	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	Upwind	DUSTRAX	0800	400	441	2.0	—	N/A
575876	" "	OCDW6-8D			1	2.0	882	TOTAL DUST
624512	" "	OCDW6			1	.2	88.2	PCB
14217	Downwind	DUSTRAX			443	2.0	—	N/A
600763	" "	OCDW6-8D			1	2.0	886	TOTAL DUST
600241	" "	OCDW6			1	.2	88.6	PCB
21589	Work Area	DUSTRAX		—		2.0	—	N/A
624467	Personal	NONE TODAY				—		

Technicians Name	Bruce Floyd	Date/Time	6 Aug, 01	Signature	Bruce W. Floyd
Comments	* Samples put into area's of work & Up & DOWN Wind				

Weather is suppose to be high 90's Hot & Hazy—very dust at 0730 Mrs Morning.

O'Rourke Incorporated

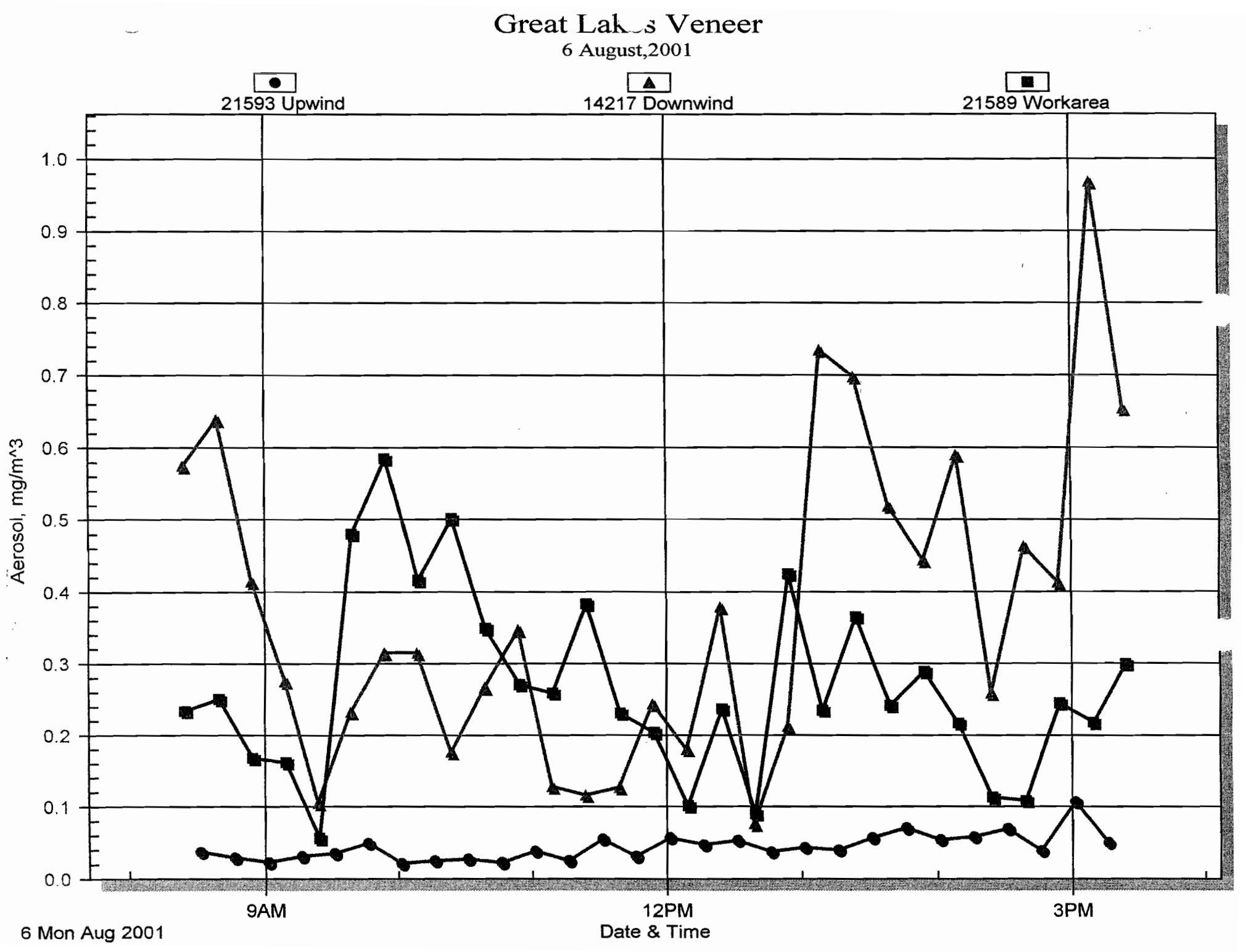
Oswego Castings/Great ;es Veneer 8/06/01

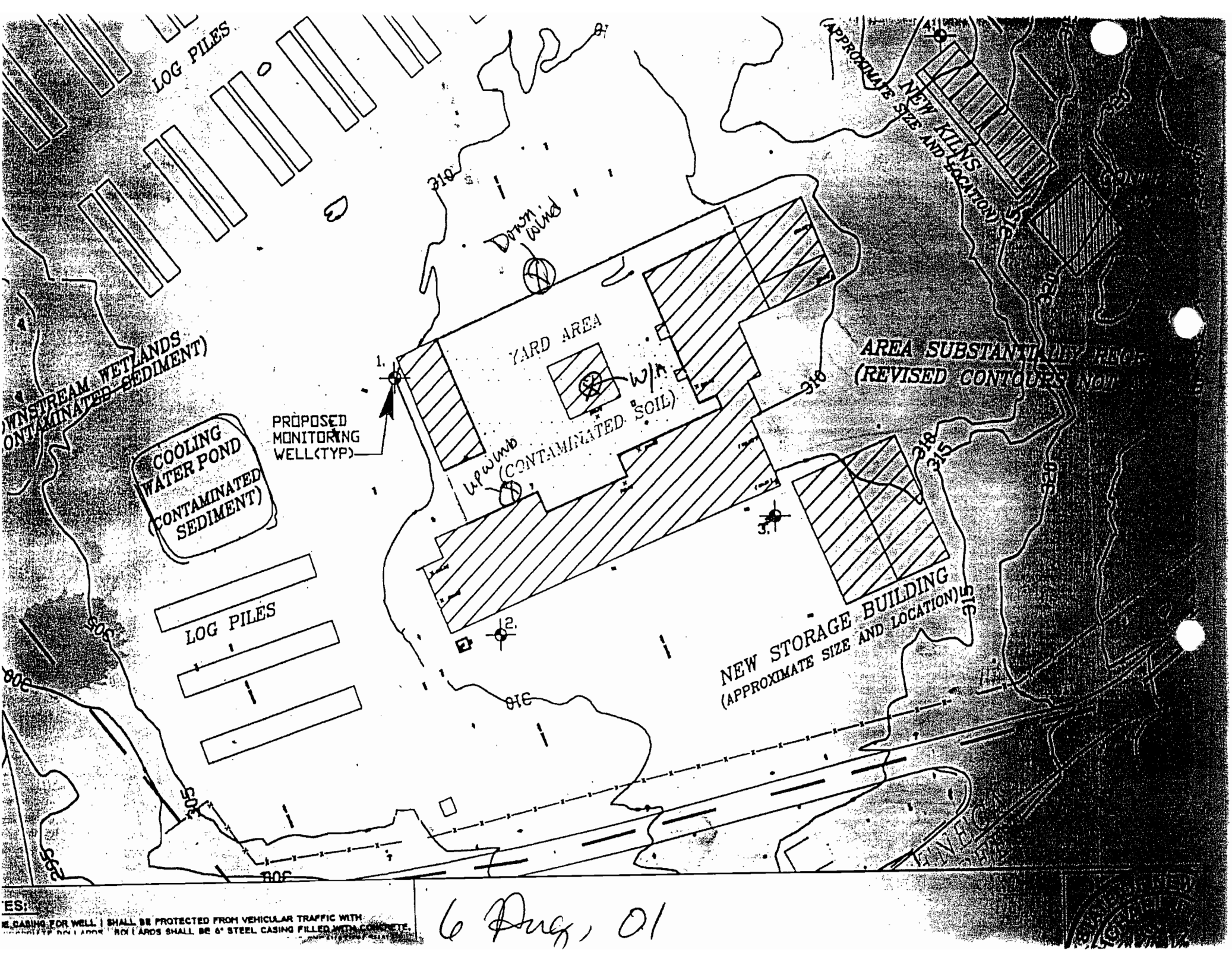
Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
8/06/01	12:00a	56.3	56.3	56.3	56.6	56.3	50	37.9	0.0	0.0	N	0.00	30.307	54.3	53	30
8/06/01	12:30a	56.2	56.2	56.2	56.3	56.2	50	37.8	0.0	0.0	N	0.00	30.309	53.6	52	30
8/06/01	1:00a	56.0	56.0	56.0	56.2	55.9	50	37.6	0.0	0.0	N	0.00	30.303	53.4	52	30
8/06/01	1:30a	55.7	55.7	55.7	56.0	55.7	50	37.3	0.0	0.0	N	0.00	30.299	53.4	52	30
8/06/01	2:00a	55.7	55.7	55.7	55.7	55.7	50	37.3	0.0	0.0	N	0.00	30.300	52.8	52	30
8/06/01	2:30a	55.6	55.6	55.6	55.7	55.6	51	37.7	0.0	0.0	N	0.00	30.299	53.3	51	30
8/06/01	3:00a	55.6	55.6	55.6	55.6	55.6	52	38.2	0.0	0.0	N	0.00	30.297	53.9	53	30
8/06/01	3:30a	55.4	55.4	55.4	55.6	55.4	51	37.6	0.0	0.0	N	0.00	30.290	53.7	52	30
8/06/01	4:00a	55.3	55.3	55.3	55.4	55.3	51	37.5	0.0	0.0	N	0.00	30.291	53.1	52	30
8/06/01	4:30a	55.3	55.3	55.3	55.3	55.3	51	37.5	0.0	0.0	N	0.00	30.287	52.7	52	30
8/06/01	5:00a	55.1	55.1	55.1	55.3	55.1	50	36.8	0.0	0.0	N	0.00	30.294	53.3	50	30
8/06/01	5:30a	55.1	55.1	55.1	55.1	55.0	54	38.7	0.0	0.0	N	0.00	30.293	54.0	52	30
8/06/01	6:00a	55.0	55.0	55.0	55.1	55.0	53	38.2	0.0	0.0	N	0.00	30.293	53.6	51	30
8/06/01	6:30a	54.8	54.8	54.8	55.0	54.8	50	36.5	0.0	1.0	N	0.00	30.298	53.1	50	30
8/06/01	7:00a	60.5	60.6	60.5	60.5	54.8	100	60.5	0.0	3.0	S	0.00	30.299	55.4	66	30
8/06/01	7:30a	68.6	70.4	68.6	68.6	60.5	85	63.9	1.0	6.0	S	0.00	30.298	63.5	77	30
8/06/01	8:00a	72.3	73.8	72.3	72.3	68.6	77	64.7	1.0	5.0	SSE	0.00	30.293	61.9	57	30
8/06/01	8:30a	73.3	74.9	73.3	73.5	72.3	73	64.1	2.0	8.0	S	0.00	30.289	60.5	53	30
8/06/01	9:00a	76.7	77.1	76.7	76.7	73.3	62	62.7	2.0	7.0	S	0.00	30.298	60.5	56	30
8/06/01	9:30a	79.6	81.2	79.6	79.6	76.7	59	64.0	1.0	6.0	S	0.00	30.302	62.5	59	30
8/06/01	10:00a	82.4	84.1	82.4	82.4	79.6	53	63.5	1.0	6.0	SW	0.00	30.292	65.3	52	30
8/06/01	10:30a	84.3	85.7	84.3	84.7	82.2	48	62.5	1.0	5.0	NNW	0.00	30.288	65.4	48	30
8/06/01	11:00a	87.2	87.1	87.2	87.2	84.3	39	59.2	2.0	6.0	NNW	0.00	30.282	65.6	48	30
8/06/01	11:30a	88.4	86.8	88.4	88.6	87.0	31	53.9	2.0	7.0	N	0.00	30.272	66.4	48	30
8/06/01	12:00p	89.5	87.9	89.5	89.7	88.0	30	54.0	2.0	8.0	NNW	0.00	30.268	67.2	48	30
8/06/01	12:30p	89.3	88.2	89.3	90.1	89.3	32	55.6	1.0	7.0	N	0.00	30.266	70.2	50	30
8/06/01	1:00p	88.8	87.3	88.8	89.3	88.2	31	54.3	2.0	7.0	N	0.00	30.262	68.5	46	30
8/06/01	1:30p	89.3	88.2	89.3	89.5	88.4	32	55.6	2.0	10.0	N	0.00	30.248	68.0	47	30
8/06/01	2:00p	89.7	87.6	89.7	90.1	88.8	27	51.3	3.0	8.0	N	0.00	30.233	67.4	47	30
8/06/01	2:30p	91.2	89.6	91.2	91.8	89.7	26	51.5	2.0	8.0	N	0.00	30.221	66.9	47	30
8/06/01	3:00p	91.8	91.7	91.8	91.8	90.1	30	56.0	2.0	8.0	N	0.00	30.217	66.9	50	30
8/06/01	3:30p	92.7	92.7	92.7	92.7	91.4	30	56.7	2.0	7.0	NW	0.00	30.209	68.0	52	30
8/06/01	4:00p	90.5	89.6	90.5	92.7	89.9	30	54.8	2.0	6.0	NNW	0.00	30.204	67.0	51	30
8/06/01	4:30p	90.5	89.3	90.5	91.4	90.5	29	53.9	2.0	6.0	NW	0.00	30.194	66.9	52	30
8/06/01	5:00p	89.7	88.8	89.7	90.5	89.7	32	55.9	2.0	7.0	NNW	0.00	30.188	67.7	51	30
8/06/01	5:30p	88.8	87.6	88.8	89.9	88.8	32	55.1	2.0	6.0	NNW	0.00	30.176	66.2	51	30
8/06/01	6:00p	89.3	88.2	89.3	89.3	88.6	32	55.6	1.0	5.0	NNW	0.00	30.167	65.4	51	30
8/06/01	6:30p	88.2	86.4	88.2	89.3	88.2	30	52.9	1.0	7.0	SW	0.00	30.155	64.8	51	30
8/06/01	7:00p	87.4	86.2	87.4	88.2	87.4	33	54.8	1.0	7.0	SW	0.00	30.149	64.3	51	30
8/06/01	7:30p	85.7	85.0	85.7	87.4	85.7	36	55.7	1.0	6.0	SW	0.00	30.140	63.3	50	30
8/06/01	8:00p	83.2	83.7	83.2	85.7	83.2	43	58.4	0.0	3.0	SSW	0.00	30.141	61.9	49	30
8/06/01	8:30p	81.2	81.6	81.2	83.0	81.2	46	58.5	0.0	0.0	N	0.00	30.138	60.0	49	30
8/06/01	9:00p	78.6	78.9	78.6	81.2	78.6	52	59.5	0.0	0.0	N	0.00	30.140	58.2	49	30
8/06/01	9:30p	79.8	79.8	79.8	79.8	78.1	47	57.8	1.0	6.0	SW	0.00	30.138	56.5	51	30
8/06/01	10:00p	80.7	80.9	80.7	80.7	79.9	47	58.6	2.0	6.0	SW	0.00	30.146	55.8	52	30
8/06/01	10:30p	81.1	81.5	81.1	81.1	80.7	47	59.0	2.0	7.0	SW	0.00	30.148	55.1	53	30
8/06/01	11:00p	79.4	79.4	79.4	81.4	79.4	49	58.6	1.0	6.0	SSW	0.00	30.152	56.1	54	30
8/06/01	11:30p	80.1	80.1	80.1	80.1	79.2	45	56.8	2.0	7.0	SW	0.00	30.148	54.9	55	30
8/06/01	12:00p	79.8	79.8	79.8	80.1	79.8	47	57.8	2.0	7.0	SW	0.00	30.149	55.5	53	30

Current Graph: 6 Aug,01 OCGLV
Start time: 08:08:55 08/06/2001 Stop time: 15:24:31 08/06/2001

Legend: 21593 Upw. 14217 Dow 21589 Workarea

Channel:	Aerosol	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3	mg/m^3
Average:	0.044	0.375	0.267
Lowest point:	0.021	0.076	0.056
Time	10:01:20	12:38:55	09:24:31
Date	08/06/2001	08/06/2001	08/06/2001
Highest point:	0.107	0.968	0.585
Time	15:01:20	15:08:55	09:54:31
Date	08/06/2001	08/06/2001	08/06/2001
Log interval: hh:mm:ss	00:15:00	00:15:00	00:15:00


Great Lakes Veneer
6 August,2001
21593 Upwind
14217 Downwind
21589 Workarea
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Aerosol, mg/m^3
9AM
12PM
3PM
Date & Time
6 Mon Aug 2001



ES:

E CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

6 Dec, 01

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	21 Aug, 2001
Oswego Casting (Great Lakes Veneer)	Oswego, New York	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	Upwind	DUSTRAK	750	3:00	421	2.0	—	N/A
575876	" "	TOTAL DUST ID# OCUW21-8D	|	|	|	2.0	842	TOTAL DUST
624512	" "	PCB (FLORISIL) ID# OCUW21	|	|	|	.2	84.2	PCB
14217	Downwind	DUSTRAK	750	3:00	425	2.0	~~850~~	N/A
600763	" "	TOTAL DUST ID# OCDW21-8D	|	|	|	2.0	850	TOTAL DUST
600241	" "	PCB (FLORISIL) ID# OCDW21	|	|	L	.2	85.0	PCB
21589	Work Area	DUSTRAK	— NO SAMPLE —					N/A
624467	Personal	—	NO SAMPLE					—

Technicians Name	Bruce Floyd	Date/Time	21 Aug 01	Signature	Bruce O. Floyd

Comments

* Ground is very saturated and there is no visible dust even with Abscope and G.I.U. Heavy Equipment working in area. Abscope is working in corner of building.

Oswego Castings/Great ;es Veneer 8/21/01

Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
8/21/01	12:00a	65.3	66.3	65.3	65.3	65.3	100	65.3	0.0	1.0	S	0.00	30.058	65.8	49	30
8/21/01	12:30a	65.6	66.7	65.6	65.6	65.3	100	65.6	0.0	1.0	S	0.00	30.062	65.9	49	30
8/21/01	1:00a	64.7	65.5	64.7	65.6	64.7	100	64.7	0.0	2.0	S	0.00	30.059	66.1	49	30
8/21/01	1:30a	65.6	66.7	65.6	65.6	64.7	100	65.6	0.0	1.0	SSW	0.00	30.063	66.1	49	30
8/21/01	2:00a	67.4	68.6	67.4	67.4	65.6	93	65.3	1.0	6.0	WSW	0.00	30.062	66.2	49	30
8/21/01	2:30a	67.4	68.8	67.4	67.9	67.4	96	66.2	2.0	8.0	SW	0.00	30.054	66.4	50	30
8/21/01	3:00a	67.4	68.6	67.4	67.4	67.3	93	65.3	2.0	7.0	SW	0.00	30.053	64.8	48	30
8/21/01	3:30a	67.1	68.2	67.1	67.4	67.1	95	65.6	1.0	5.0	SSW	0.00	30.054	65.4	49	30
8/21/01	4:00a	67.1	68.2	67.1	67.3	67.1	95	65.6	2.0	8.0	SW	0.00	30.055	65.8	49	30
8/21/01	4:30a	66.1	66.9	66.1	67.1	66.1	95	64.6	1.0	6.0	SW	0.00	30.056	66.1	49	30
8/21/01	5:00a	65.2	65.8	65.2	66.1	65.2	96	64.0	1.0	5.0	SW	0.00	30.063	66.1	49	30
8/21/01	5:30a	65.2	65.6	65.2	65.2	65.0	93	63.1	1.0	5.0	SW	0.00	30.067	66.1	49	30
8/21/01	6:00a	65.5	66.1	65.5	65.5	65.2	94	63.7	1.0	6.0	SW	0.00	30.073	66.1	50	30
8/21/01	6:30a	65.5	66.1	65.5	65.6	65.5	94	63.7	1.0	6.0	SW	0.00	30.083	66.2	50	30
8/21/01	7:00a	66.0	66.6	66.0	66.0	65.5	93	63.9	1.0	6.0	SSW	0.00	30.090	67.2	57	30
8/21/01	7:30a	66.3	67.1	66.3	66.3	66.0	94	64.5	1.0	6.0	SSW	0.00	30.091	65.8	53	30
8/21/01	8:00a	66.8	67.7	66.8	66.8	66.3	94	65.0	2.0	6.0	SW	0.00	30.098	67.4	56	30
8/21/01	8:30a	67.4	68.8	67.4	67.4	66.8	96	66.2	2.0	7.0	SW	0.00	30.101	66.4	54	30
8/21/01	9:00a	69.1	71.1	69.1	69.1	67.6	92	66.7	2.0	8.0	WSW	0.00	30.105	66.7	53	30
8/21/01	9:30a	70.4	72.2	70.4	70.6	69.1	90	67.3	3.0	13.0	WSW	0.00	30.106	66.2	53	30
8/21/01	10:00a	69.9	71.9	69.9	70.6	69.8	91	67.2	3.0	11.0	WSW	0.00	30.112	67.0	56	30
8/21/01	10:30a	70.4	72.2	70.4	71.1	70.1	89	67.0	3.0	11.0	WSW	0.00	30.113	66.1	56	30
8/21/01	11:00a	69.4	71.6	69.4	70.4	69.3	93	67.3	3.0	13.0	WSW	0.00	30.117	65.4	60	30
8/21/01	11:30a	69.3	72.1	69.3	69.4	68.6	98	68.7	2.0	8.0	SW	0.01	30.116	64.3	56	30
8/21/01	12:00p	67.9	69.7	67.9	69.3	67.6	100	67.9	1.0	10.0	N	0.20	30.123	64.6	58	30
8/21/01	12:30p	69.9	72.9	69.9	69.9	67.9	97	69.0	1.0	7.0	N	0.00	30.124	65.4	62	30
8/21/01	1:00p	71.3	73.8	71.3	71.3	69.9	94	69.5	2.0	7.0	N	0.00	30.127	65.9	61	30
8/21/01	1:30p	72.7	74.7	72.7	72.7	71.3	91	69.9	2.0	10.0	N	0.00	30.126	66.6	60	30
8/21/01	2:00p	73.9	76.0	73.9	73.9	72.5	86	69.4	2.0	11.0	N	0.00	30.130	68.0	61	30
8/21/01	2:30p	73.7	75.8	73.7	73.9	73.0	86	69.2	3.0	12.0	N	0.00	30.127	68.5	69	30
8/21/01	3:00p	73.9	75.8	73.9	74.2	73.7	81	67.7	3.0	11.0	N	0.00	30.128	68.0	65	30
8/21/01	3:30p	73.7	75.5	73.7	74.2	73.7	81	67.5	2.0	12.0	N	0.00	30.127	66.7	66	30
8/21/01	4:00p	74.0	76.0	74.0	74.0	73.7	83	68.5	2.0	10.0	N	0.00	30.127	66.9	62	30
8/21/01	4:30p	74.0	75.9	74.0	74.2	73.9	81	67.8	2.0	10.0	N	0.00	30.124	66.4	68	30
8/21/01	5:00p	74.0	75.9	74.0	74.0	73.5	82	68.2	2.0	11.0	WSW	0.00	30.127	69.4	73	30
8/21/01	5:30p	74.0	75.8	74.0	74.4	74.0	77	66.3	2.0	12.0	N	0.00	30.122	67.2	62	30
8/21/01	6:00p	74.0	75.8	74.0	74.0	73.9	79	67.1	2.0	12.0	N	0.00	30.126	65.9	58	30
8/21/01	6:30p	73.9	75.7	73.9	74.0	73.9	78	66.6	2.0	12.0	N	0.00	30.124	65.4	56	30
8/21/01	7:00p	73.5	75.3	73.5	73.9	73.5	79	66.6	1.0	7.0	N	0.00	30.124	65.1	56	30
8/21/01	7:30p	72.8	74.6	72.8	73.5	72.8	83	67.3	1.0	5.0	N	0.00	30.121	64.9	55	30
8/21/01	8:00p	72.1	73.9	72.1	72.8	72.1	85	67.3	1.0	5.0	N	0.00	30.122	64.9	55	30
8/21/01	8:30p	72.1	73.9	72.1	72.3	72.1	84	67.0	1.0	5.0	N	0.00	30.130	65.4	58	30
8/21/01	9:00p	72.1	73.9	72.1	72.3	72.1	85	67.3	1.0	6.0	N	0.00	30.137	65.3	59	30
8/21/01	9:30p	72.3	74.1	72.3	72.3	72.1	85	67.5	1.0	6.0	N	0.00	30.145	64.6	58	30
8/21/01	10:00p	72.8	74.6	72.8	72.8	72.3	82	67.0	2.0	8.0	N	0.00	30.150	64.6	58	30
8/21/01	10:30p	72.7	74.5	72.7	72.8	72.7	84	67.6	2.0	8.0	N	0.00	30.155	65.4	56	30
8/21/01	11:00p	72.5	74.3	72.5	72.7	72.5	86	68.1	2.0	8.0	N	0.00	30.160	65.6	60	30
8/21/01	11:30p	72.3	74.1	72.3	72.5	72.3	90	69.2	1.0	6.0	N	0.00	30.165	65.1	59	30
8/21/01	12:00p	72.3	74.1	72.3	72.3	72.3	90	69.2	1.0	7.0	SE	0.00	30.167	64.5	57	30

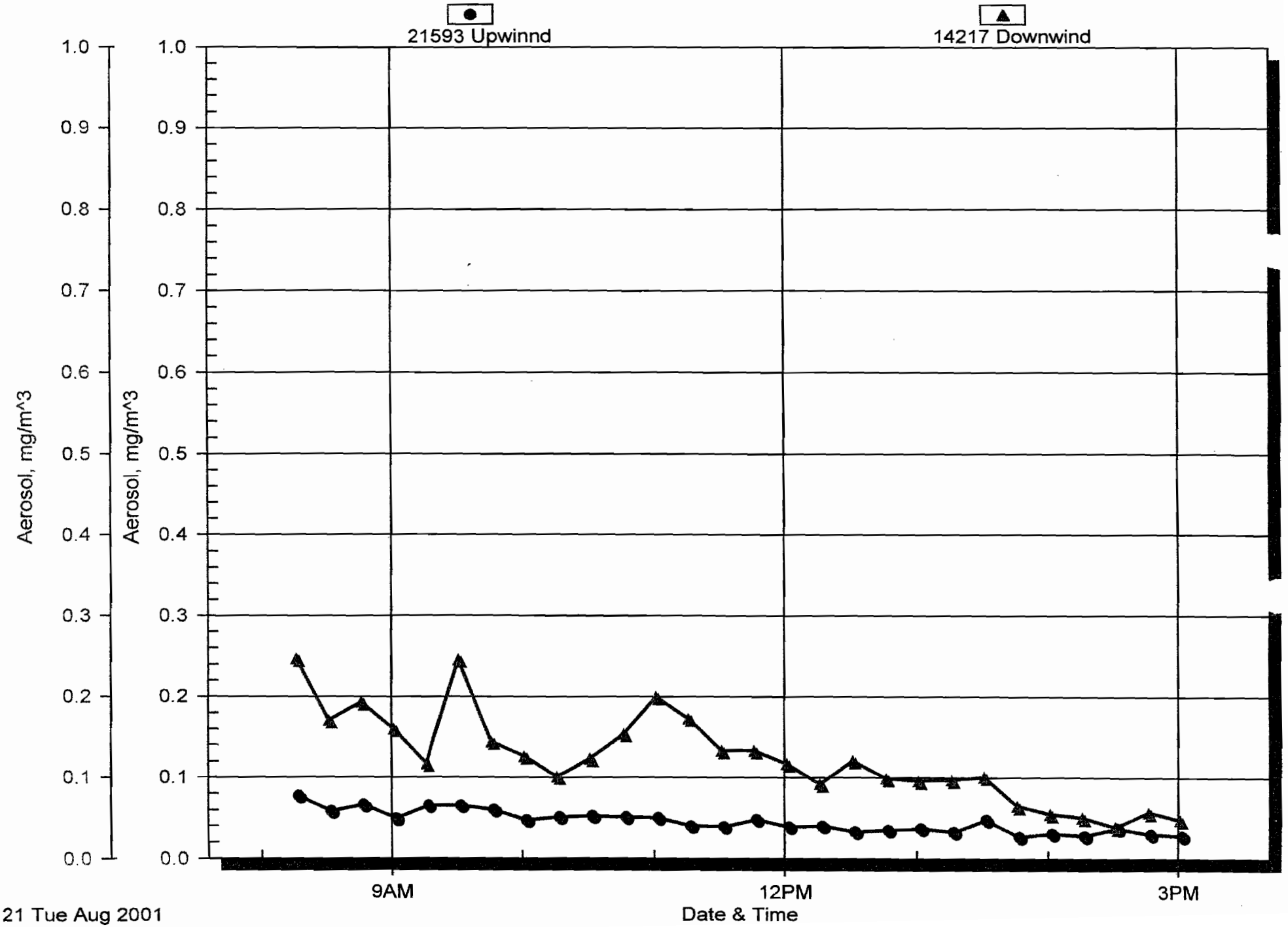
Current Graph: OSGLV 21ST
Start time: 08:01:00 08/21/2001 Stop time: 15:01:57 08/21/2001

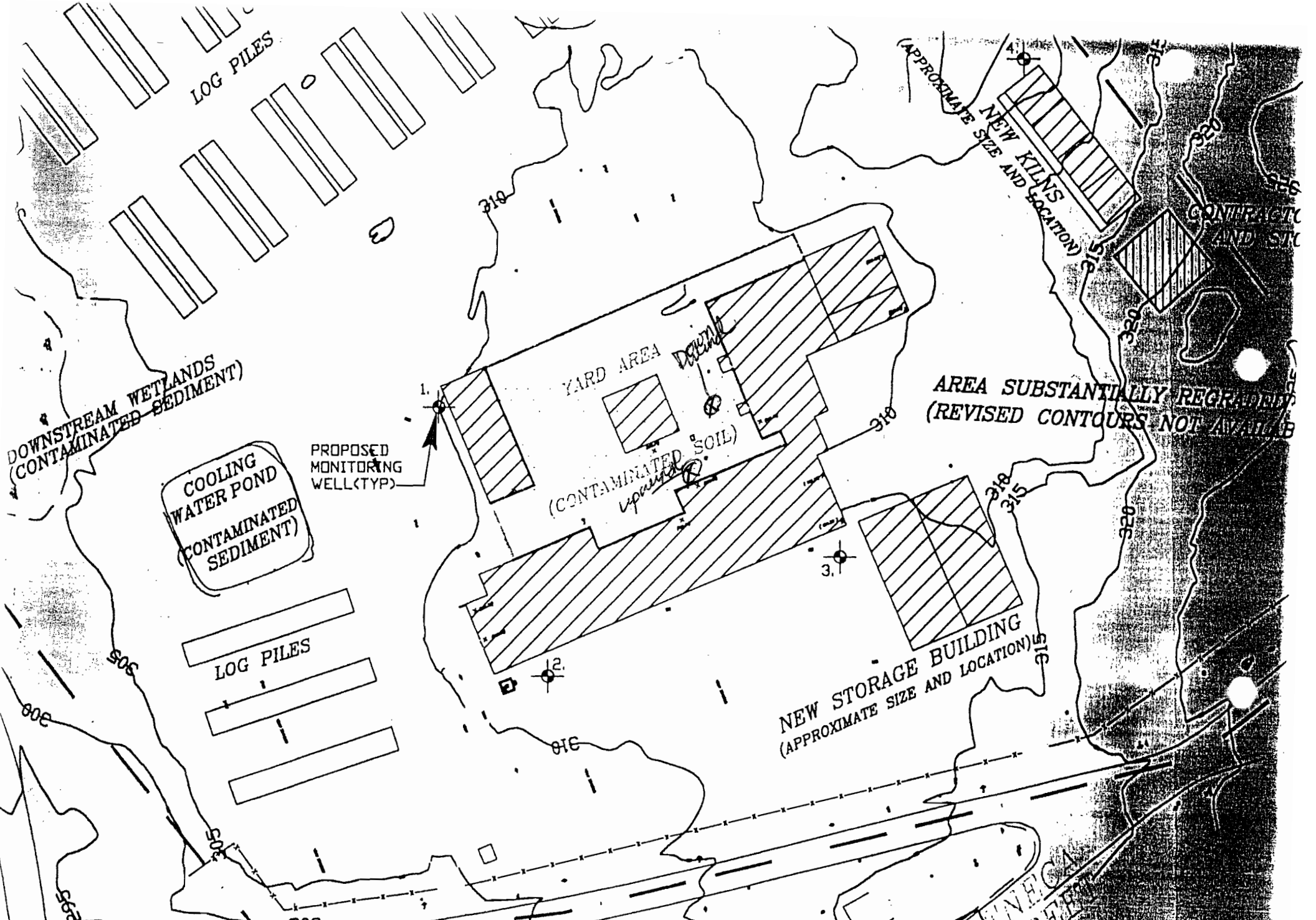
Legend: 21593 Upw. 14217 Downwind

Channel:	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3
Average:	0.045	0.124
Lowest point:	0.027	0.039
Time	13:46:57	14:31:00
Date	08/21/2001	08/21/2001
Highest point:	0.077	0.247
Time	08:16:57	08:16:00
Date	08/21/2001	08/21/2001
Log interval: hh:mm:ss	00:15:00	00:15:00

Great Lakes Veneer

21 August, 2001





OTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

21 Aug, 2001

STATE OF NEW

Galson
Laboratories
6601 Kirkville Road
P.O. Box 369
E. Syracuse, NY 13057
Tel: (315) 437-7252 888-577-Labs (5227)
Fax: (315) 437-0571

Request For Industrial Hygiene Analysis

Company Name: O'Rourke Inc.
Site Name: Oswego Castings (Great Lakes Veneer)
Sampled By: Bruce Floyd
Project #: D004283

Send Report to: O'Rourke Inc.
P.O. Box 341
Owego NY 13827

Invoice to: O'Rourke Inc.
P.O. Box 341
Owego NY 13827

☐ Purchase order number _____
(or)
☐ Credit Card (type) _____ Card # _____ Exp Date _____
☐ Verbal Authorization _____

☒ Standard Turn-Around Time OR ☐ Rush: Date and Time Requested: ___/___/___ am pm
☐ Phone Results to: _____ Phone # ( ) - - ext.
☒ Fax Results to: Bruce Floyd (607) 687-7445 AND Fax # > (315-342-2062
☐ Email Results to: _____

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Requested	Method Reference
OCUW21-8D	21 Aug, 01	37mm 5u	842	TOTAL DUST	N0500
OCUW21	21 Aug, 01	florisil tube	84.2	PCB	N5503
OCDW21-8D	21 Aug, 01	37mm 5u	850	TOTAL DUST	N0500
OCDW21	21 Aug, 01	florisil tube	85.0	PCB	N5503
OCUW6-8D	6 Aug, 01	37mm 5u	882	TOTAL DUST	N0500
OCUW6	6 Aug, 01	florisil tube	88.2	PCB	N5503
OCDW6-8D	6 Aug, 01	37mm 5u	886	TOTAL DUST	N0500
OCDW6	6 Aug, 01	florisil tube	88.6	PCB	N5503

Pump Loan User

*For passive monitors please list time exposed in minutes.

Comments (Please list any known interferences present in sampling area): _____

Note! PCB samples are filter/tube/BB
Blanks not submitted/BB

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by:	Bruce Floyd	Bruce W. Floyd	21 Aug, 01
Received by LAB.	Bruce Baxter	Bruce Baxter	8/24 @ 1613

Samples received after 3pm will be considered as next day's business.

LAB ORIGINAL

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : O'Rourke Incorporated
Site : Oswego Castings (Great Lakes)
Project No. : D004283

Date Sampled : 06-AUG-01 - 21-AUG-01 Account No.: 12312
Date Received : 21-AUG-01 Login No. : L74010
Date Analyzed : 27-AUG-01

Total Dust

Sample ID	Lab ID	Air Vol m3	Total mg	Conc mg/m3
OCUW21-8D	L74010-1	0.842	0.142	0.17
OCDW21-8D	L74010-2	0.850	0.093	0.11
OCUW6-8D	L74010-3	0.882	0.189	0.21
OCDW6-8D	L74010-4	0.886	1.22	1.4

COMMENTS: PNOR = Particulates Not Otherwise Regulated.

Level of quantitation: 0.05 mg
Analytical Method : NIOSH 0500; GRAV
OSHA PEL (TWA) : PNOR 15 mg/m3
Collection Media : PVC PW

Submitted by: tk
Approved by : Oommen Kappil
Date : 27-AUG-01
QC by:
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : O'Rourke Incorporated
Site : Oswego Castings (Great Lakes)
Project No. : D004283

Date Sampled : 06-AUG-01 - 21-AUG-01 Account No.: 12312
Date Received : 21-AUG-01 Login No. : L74010
Date Analyzed : 29-AUG-01

PCB (Aroclors 1016-1260)

Sample ID	Lab ID	Air Vol liter	Front ug	Back ug	Total ug	Conc mg/m3
OCUW21	L74010-5	84.2	<0.05	<0.05	<0.05	<0.0006
OCDW21	L74010-6	85	<0.05	<0.05	<0.05	<0.0006
OCUW6	L74010-7	88.2	<0.05	<0.05	<0.05	<0.0006
OCDW6	L74010-8	88.6	<0.05	<0.05	<0.05	<0.0006

COMMENTS: Total ug corrected for a desorption efficiency of 100%.

Level of quantitation: 0.05 ug
Analytical Method : NIOSH 5503; GC/ECD
OSHA PEL (TWA) : 0.5-1 mg/m3
Collection Media : Filter & Tube

Submitted by: CMH
Approved by : DKF
Date : 29-AUG-01
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	8-23-01
Oswego Casting (Great Lakes Veneer)	Oswego, New York	Contract Number	D004283

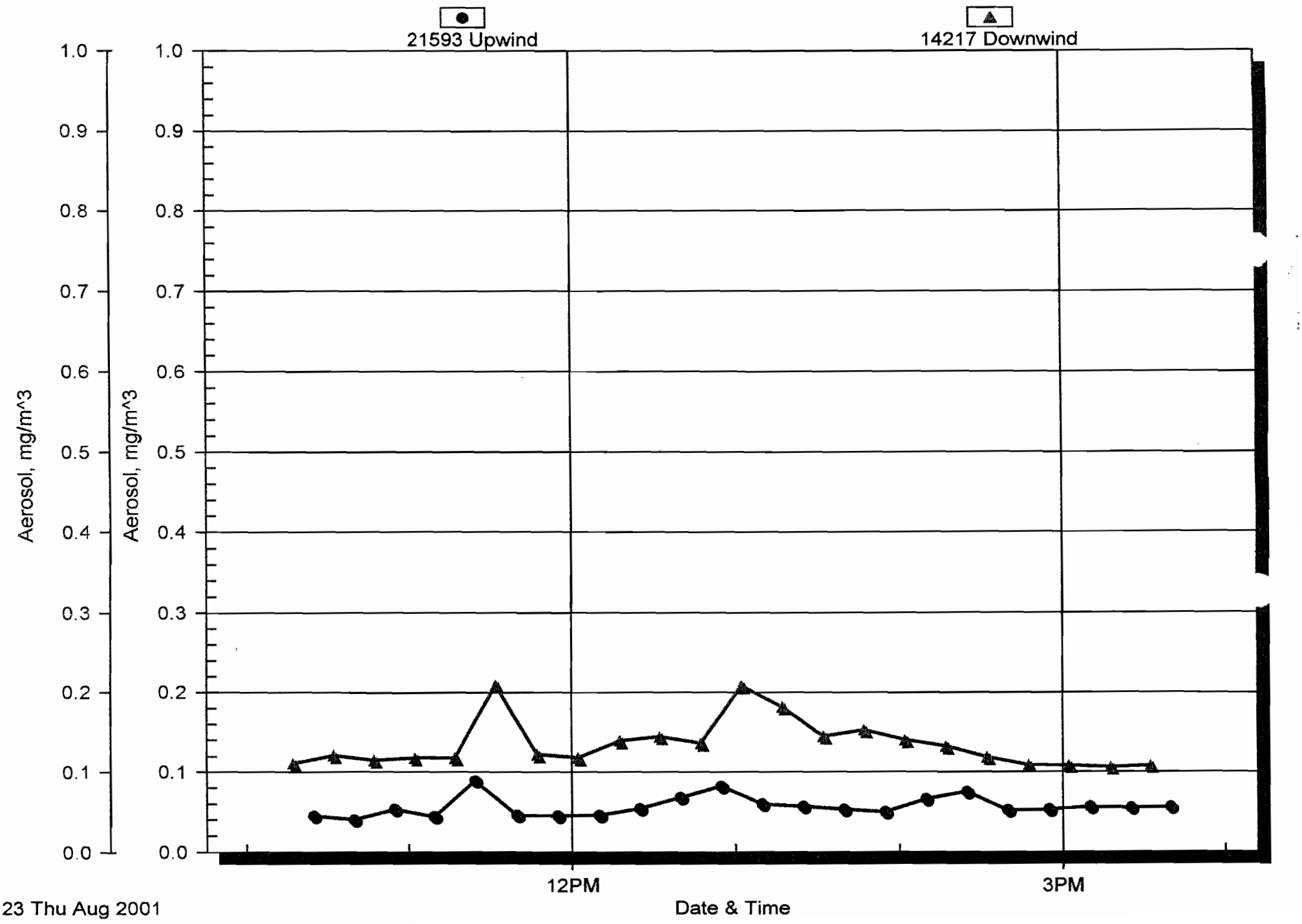
Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	Upwind	DUSTRAX	10.30	3:00	270	2.0	540	N/A
575876	" "	Total Dust ID #	10 30	3:00	↓	2.0	540	TOTAL DUST
624512	" "	PCB (Florisil) ID #	10.30	3:00	↓	0.2	54	PCB
14217	Downwind	DUSTRAX	10 35	3:05	270	2.0	540	N/A
600763	" "	Total Dust ID #	10:35	3:05	↓	2.0	540	TOTAL DUST
600241	" "	PCB (Florisil) ID #	10:35	3:05	↓	0.2	54	PCB
21589	Work Area	DUSTRAX	—	No	Sample	—	—	N/A
624467	Personal	—	No	Sample	—	—	—	—

Technicians Name	~~Bruce Floyd~~ Ashley Coleman	Date/Time	23 Aug. 01	Signature	Ashley Coleman

Comments: * Ground is dry. Dusty when ~~[redacted]~~ trucks drive through work site. Cloudy, looks like it might rain. Temperature is 74° F. Sky cleared up later in the day.

Great Lakes Veneer

23 August, 2001



Air Monitoring Data Sheet

Revised September 1996

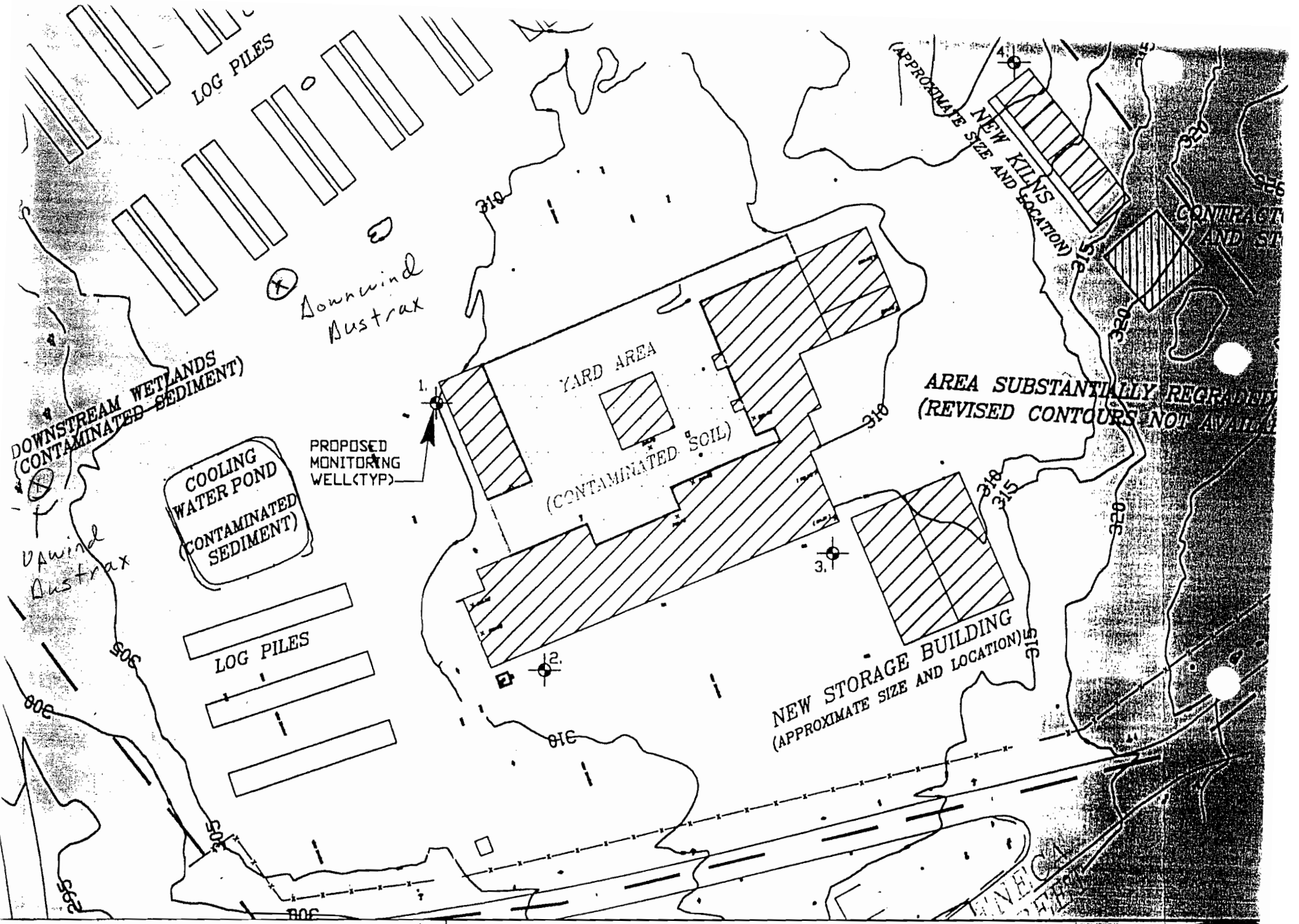
Project Name	Project Location	Sampling Date	8-23-01
Oswego Casting (Great Lakes Veneer)	Oswego, New York	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	Upwind	DUSTRAX	10:30	3:00	270	2.0	540	N/A
575876	" "	Total Dust ID #	10:30	3:00	↓	2.0	540	TOTAL DUST
624512	" "	ACB (Florisil) ID #	10:30	3:00	↓	0.2	54	PCB
14217	Downwind	DUSTRAX	10:35	3:05	270	2.0	540	N/A
600763	" "	Total Dust ID #	10:35	3:05	↓	2.0	540	TOTAL DUST
600241	" "	ACB (Florisil) ID #	10:35	3:05	↓	0.2	54	PCB
21589	Work Area	DUSTRAX	—	No	Sample	—	—	N/A
624467	Personal	—	No	Sample	—	—	—	—

Technicians Name	~~Bruce Floyd~~ Ashley Coleman	Date/Time	23 Aug. 01	Signature	Ashley Coleman

Comments

* Ground is dry. Dusty when ~~the~~ trucks drive through work site. Cloudy, looks like it might rain. Temperature is 74° F. Sky cleared up later in the day.



OTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

23 August 2001

STATE OF NEW

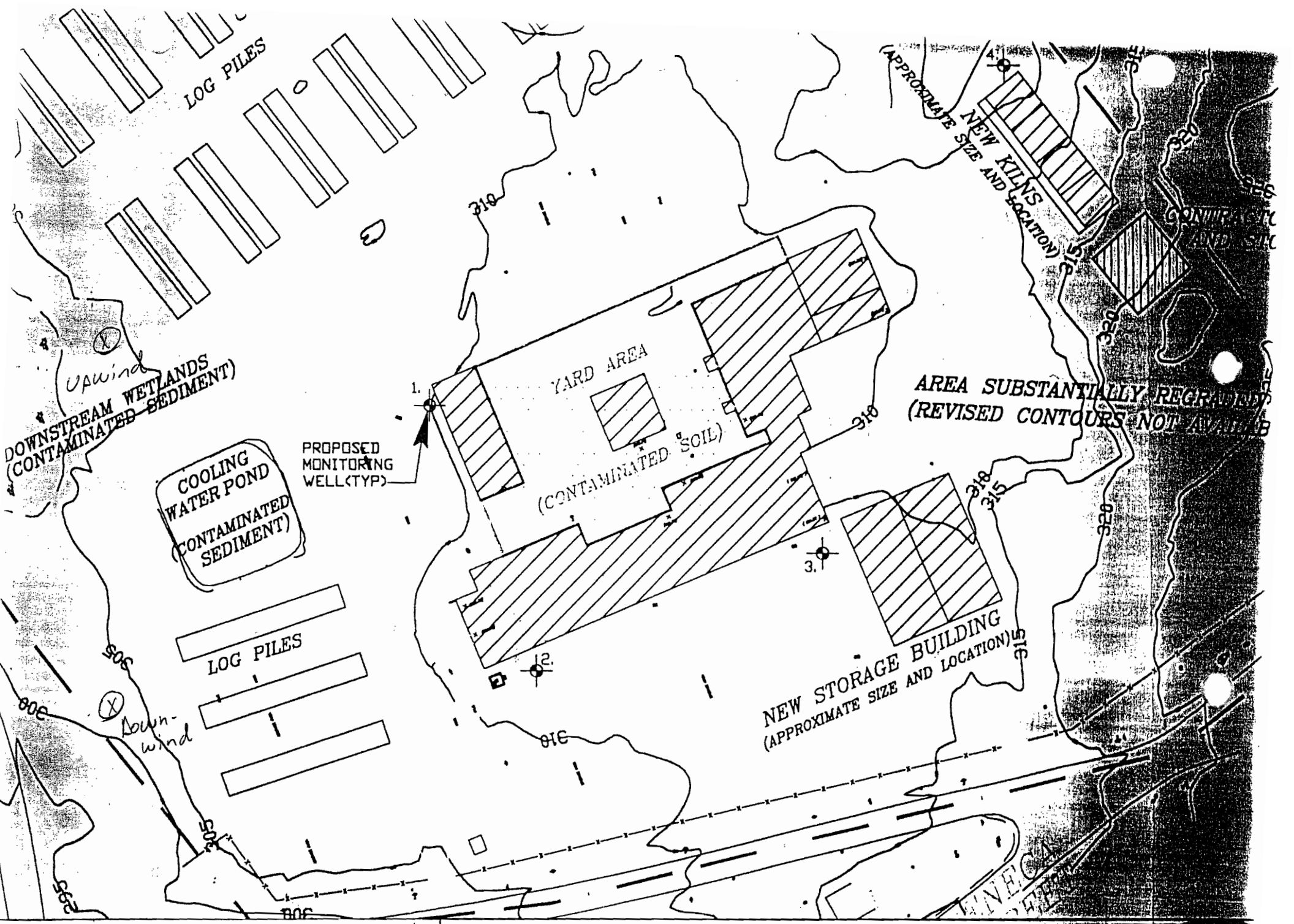
Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	8-24-01
Oswego Casting (Great Lakes Veneer)	Oswego, New York	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	Upwind	DUSTRAX	10:30	3:00	270	2.0	540	N/A
575876	" "	Total Dust IA #	10:30	3:00	270	2.0	540	TOTAL DU
624512	" "	PCB (Florisil) IA #	10:30	3:00	270	0.2	540	PCB
14217	Downwind	DUSTRAX	10:35	3:05	270	2.0	540	N/A
600763	" "	Total Dust IA #	10:35	3:05	270	2.0	540	TOTAL DUST
600241	" "	PCB (Florisil) IA #	10:35	3:05	270	0.2	540	PCB
21589	Work Area	DUSTRAX			No Sample			N/A
624467	Personal			No	Sample			

Technicians Name	~~Bruce Floyd~~ Ashley Coleman	Date/Time	8-24-01	Signature	Ashley Coleman
Comments	Ground is very dry. Breezy clear skies. Tempature is 70°F.				



OTES:

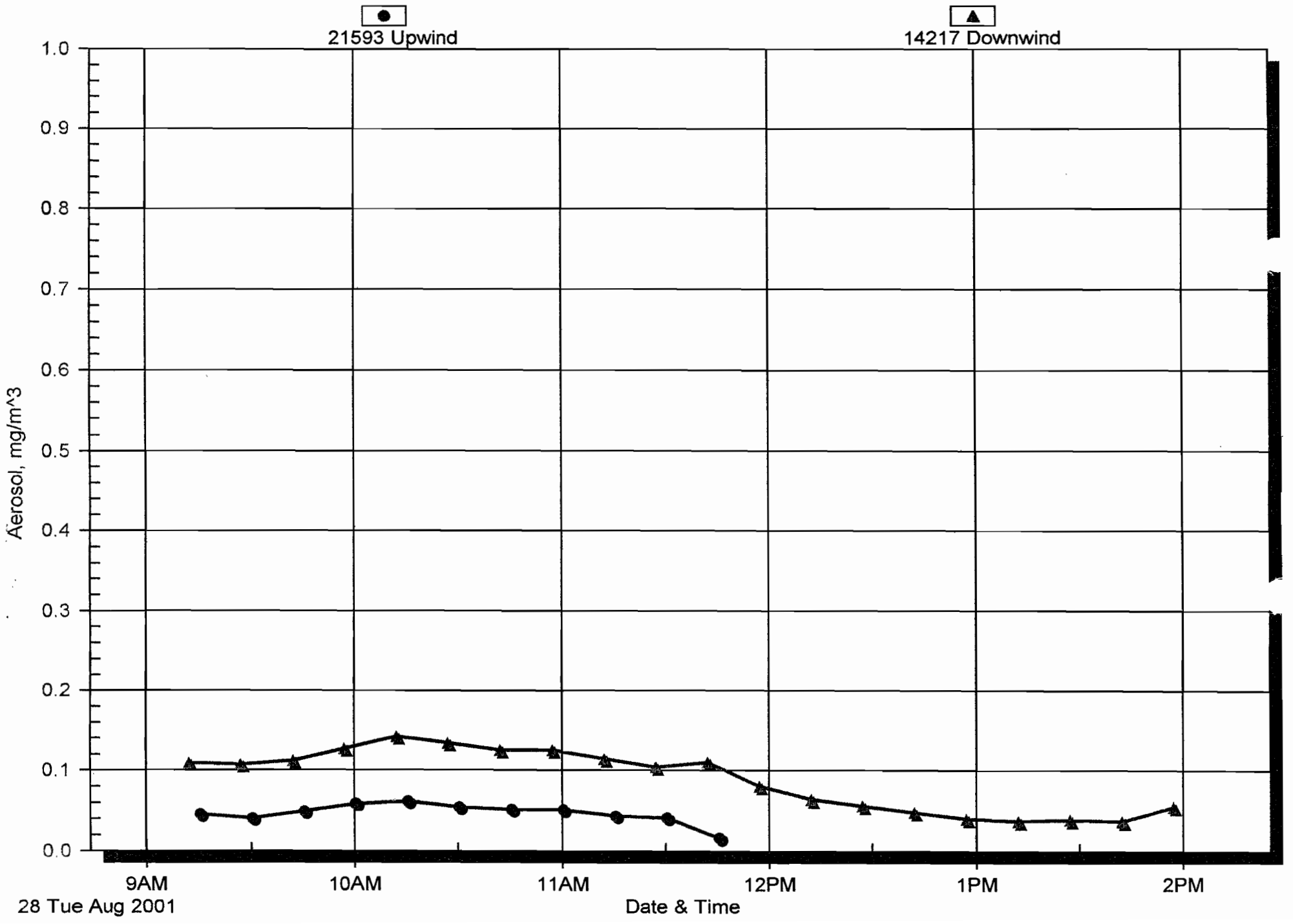
THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

August 28, 2001

STATE OF NEW

Great Lakes Veneer

28 August, 2001



Current Graph: OCGLV 28TH
Start time: 08:57:10 08/28/2001 Stop time: 14:15:27 08/28/2001

Legend: 21593 Upw. 14217 Downwind

Channel:	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3
Average:	-0.024	0.088
Lowest point:	-0.121	0.037
Time	12:45:27	13:12:10
Date	08/28/2001	08/28/2001
Highest point:	0.061	0.142
Time	10:15:27	10:12:10
Date	08/28/2001	08/28/2001
Log interval: hh:mm:ss	00:15:00	00:15:00

Oswego Castings/Great es Veneer 8/28/01

Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
8/28/01	12:00a	64.3	64.5	64.3	64.3	63.7	93	62.2	0.0	5.0	SSW	0.00	30.006	64.1	49	30
8/28/01	12:30a	63.9	64.3	63.9	64.3	63.9	96	62.7	0.0	2.0	SW	0.00	30.010	64.3	49	30
8/28/01	1:00a	63.5	63.9	63.5	63.9	63.5	97	62.6	0.0	3.0	SSW	0.00	30.010	64.3	49	30
8/28/01	1:30a	63.7	64.0	63.7	63.7	63.4	96	62.5	1.0	7.0	SSW	0.00	29.997	64.1	49	30
8/28/01	2:00a	63.5	63.9	63.5	63.9	63.5	98	62.9	2.0	5.0	SW	0.00	29.995	64.1	49	30
8/28/01	2:30a	63.5	64.1	63.5	63.7	63.5	100	63.5	1.0	5.0	SW	0.00	29.991	64.1	49	30
8/28/01	3:00a	62.9	63.4	62.9	63.5	62.9	100	62.9	0.0	3.0	SSW	0.00	29.984	64.1	49	30
8/28/01	3:30a	62.7	63.1	62.7	62.9	62.7	100	62.7	0.0	5.0	SW	0.00	29.986	64.0	49	30
8/28/01	4:00a	62.1	62.4	62.1	62.7	62.1	100	62.1	0.0	3.0	SW	0.00	29.992	63.8	49	30
8/28/01	4:30a	61.5	61.8	61.5	62.1	61.5	100	61.5	0.0	5.0	SSW	0.00	29.995	63.8	49	30
8/28/01	5:00a	61.3	61.5	61.3	61.5	61.3	100	61.3	1.0	6.0	SSW	0.00	29.999	63.6	49	30
8/28/01	5:30a	61.2	61.4	61.2	61.3	61.2	100	61.2	1.0	7.0	SSW	0.00	29.989	63.5	49	30
8/28/01	6:00a	61.2	61.4	61.2	61.2	61.2	100	61.2	1.0	6.0	SSW	0.00	29.976	63.3	49	30
8/28/01	6:30a	61.2	61.3	61.2	61.2	61.2	99	60.9	1.0	6.0	SSW	0.00	29.972	63.2	49	30
8/28/01	7:00a	62.3	62.4	62.3	62.3	61.2	97	61.4	1.0	7.0	SSW	0.00	29.987	63.6	51	30
8/28/01	7:30a	62.9	62.9	62.9	62.9	62.3	94	61.1	2.0	6.0	SSW	0.00	29.993	64.9	51	30
8/28/01	8:00a	64.3	64.6	64.3	64.3	62.9	94	62.5	1.0	6.0	SSW	0.00	29.972	66.7	66	30
8/28/01	8:30a	65.2	65.8	65.2	65.2	64.3	96	64.0	1.0	3.0	ENE	0.00	29.980	66.2	60	30
8/28/01	9:00a	65.8	66.7	65.8	65.8	65.2	97	64.9	0.0	5.0	ESE	0.00	29.983	66.7	62	30
8/28/01	9:30a	65.0	65.8	65.0	65.8	65.0	99	64.7	1.0	7.0	N	0.05	30.056	67.5	65	30
8/28/01	10:00a	64.2	64.9	64.2	65.0	64.2	100	64.2	0.0	2.0	NE	0.08	30.009	67.9	65	30
8/28/01	10:30a	63.7	64.3	63.7	64.2	63.7	100	63.7	0.0	3.0	SSW	0.02	30.004	68.2	65	30
8/28/01	11:00a	63.9	64.6	63.9	64.0	63.7	100	63.9	1.0	6.0	SSW	0.00	29.991	67.4	61	30
8/28/01	11:30a	65.0	65.9	65.0	65.0	63.9	100	65.0	2.0	7.0	SSW	0.00	29.983	68.2	68	30
8/28/01	12:00p	66.1	67.3	66.1	66.1	65.0	100	66.1	3.0	11.0	SSW	0.00	29.979	69.7	70	30
8/28/01	12:30p	68.3	70.3	68.3	68.3	66.1	97	67.4	3.0	11.0	SW	0.00	29.978	69.4	67	30
8/28/01	1:00p	69.9	72.7	69.9	70.1	68.3	96	68.7	4.0	12.0	SW	0.00	29.975	70.1	65	30
8/28/01	1:30p	71.5	73.5	71.5	71.6	69.8	91	68.7	2.0	8.0	SW	0.00	29.976	71.2	72	30
8/28/01	2:00p	73.3	75.2	73.3	73.3	71.6	86	68.9	2.0	10.0	SSW	0.00	29.965	71.6	70	30
8/28/01	2:30p	74.0	76.4	74.0	74.0	72.8	90	70.9	3.0	10.0	SW	0.00	29.952	70.9	58	30
8/28/01	3:00p	73.0	74.8	73.0	74.2	73.0	89	69.6	3.0	8.0	SW	0.00	29.950	69.9	56	30
8/28/01	3:30p	71.8	73.6	71.8	73.0	71.8	89	68.4	2.0	8.0	SW	0.00	29.957	69.4	57	30
8/28/01	4:00p	72.7	74.7	72.7	72.8	71.6	91	69.9	1.0	8.0	WSW	0.00	29.966	69.0	60	30
8/28/01	4:30p	72.3	74.6	72.3	72.7	72.3	93	70.2	1.0	7.0	N	0.00	29.980	69.6	63	30
8/28/01	5:00p	72.7	74.5	72.7	72.8	72.3	90	69.6	1.0	6.0	N	0.00	29.983	69.9	67	30
8/28/01	5:30p	72.3	74.6	72.3	72.8	72.3	93	70.2	2.0	7.0	N	0.00	29.994	68.9	62	30
8/28/01	6:00p	71.3	74.2	71.3	72.3	71.3	96	70.1	1.0	6.0	N	0.00	29.990	68.2	60	30
8/28/01	6:30p	71.1	74.5	71.1	71.3	70.9	99	70.8	2.0	7.0	N	0.00	30.018	67.2	60	30
8/28/01	7:00p	71.1	73.1	71.1	71.1	70.9	91	68.3	3.0	10.0	N	0.00	30.028	66.7	60	30
8/28/01	7:30p	70.4	73.6	70.4	71.1	70.4	98	69.8	2.0	5.0	N	0.00	30.035	66.9	58	30
8/28/01	8:00p	69.9	73.2	69.9	70.4	69.9	99	69.6	1.0	3.0	NNW	0.00	30.044	67.4	56	30
8/28/01	8:30p	69.8	72.9	69.8	70.1	69.8	98	69.2	1.0	5.0	N	0.00	30.053	66.7	59	30
8/28/01	9:00p	69.6	72.3	69.6	69.8	69.4	96	68.4	0.0	3.0	NNW	0.00	30.069	67.5	59	30
8/28/01	9:30p	69.6	72.9	69.6	69.8	69.6	100	69.6	2.0	6.0	N	0.00	30.079	66.7	55	30
8/28/01	10:00p	69.6	72.9	69.6	69.6	69.4	100	69.6	1.0	5.0	N	0.00	30.092	67.0	58	30
8/28/01	10:30p	69.6	72.7	69.6	69.6	69.6	99	69.3	1.0	5.0	N	0.00	30.093	67.5	59	30
8/28/01	11:00p	69.6	72.4	69.6	69.6	69.6	97	68.7	2.0	6.0	N	0.00	30.094	67.9	60	30
8/28/01	11:30p	68.9	70.7	68.9	69.4	68.9	89	65.5	1.0	5.0	N	0.00	30.100	68.2	60	30
8/28/01	12:00p	66.9	68.0	66.9	68.9	66.9	96	65.7	0.0	1.0	NNE	0.00	30.108	68.2	60	30

Air Monitoring Data Sheet

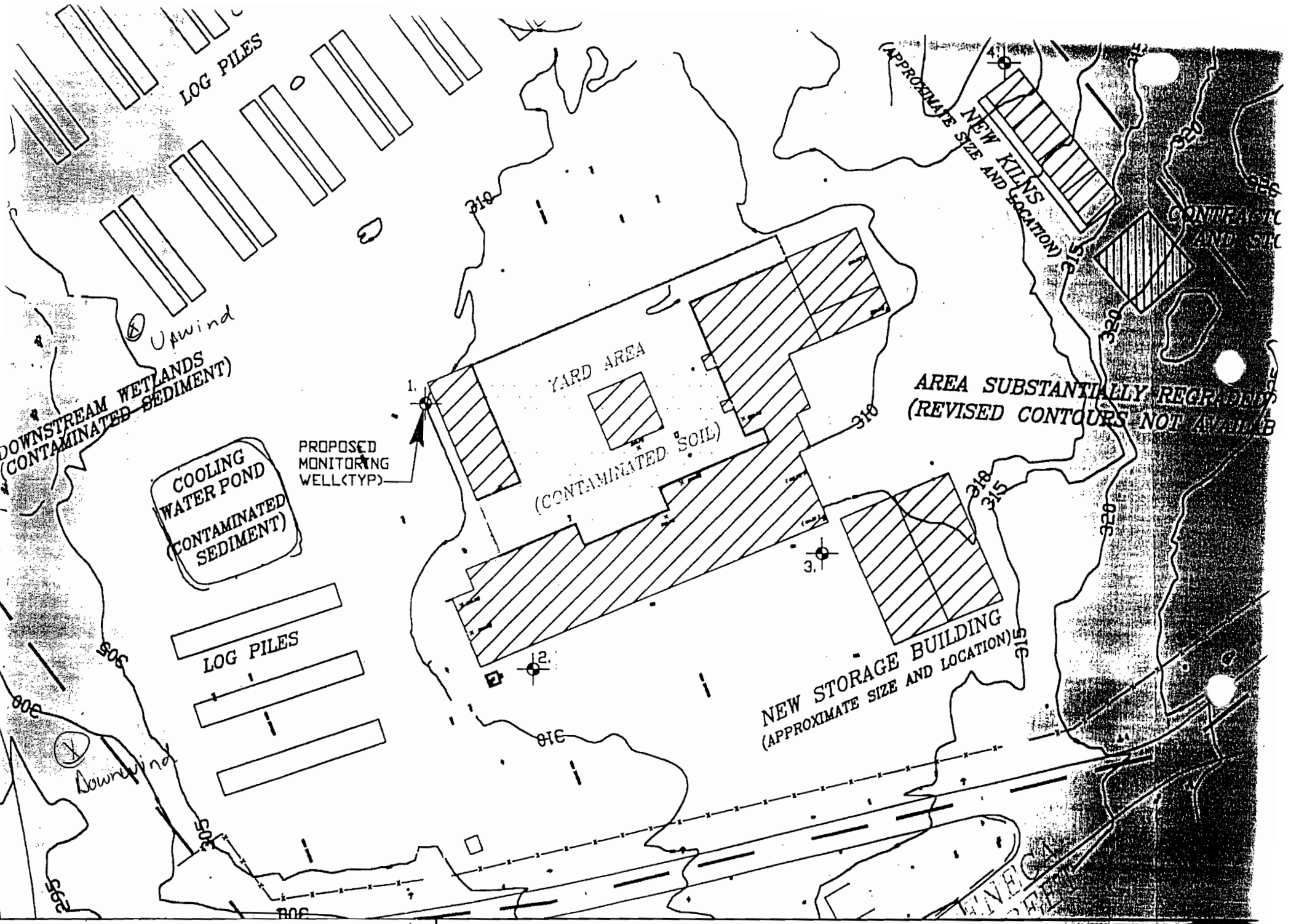
Revised September 1996

Project Name	Project Location	Sampling Date	8-28-01
Oswego Casting (Great Lakes Veneer)	Oswego, New York	Contract Number	D004283

Pump ID No	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	Upwind	DUSTRAX	8:30	2:30	360	2.0	720	N/A
575876	"	Total Dust ID #	8:30	2:30	360	2.0	720	TOTAL DUST
624512	"	PCB (Florisil) ID #	8:30	2:30	360	0.2	72.0	PCB
14217	Downwind	DUSTRAX	8:35	2:35	360	2.0	720	N/A
600763	"	Total Dust ID #	8:35	2:35	360	2.0	720	TOTAL DUST
600241	"	PCB ID #	8:35	2:35	360	0.2	72.0	PCB
21589	Work Area	DUSTRAX	No Sample					N/A
624467	Personal		No Sample					
			No Sample					

Technicians Name	Ashley Coleman ~~Bruce Floyd~~	Date/Time	8-28-01	Signature	Ashley Coleman

Comments: Raining, heavy thunderstorm



TES:

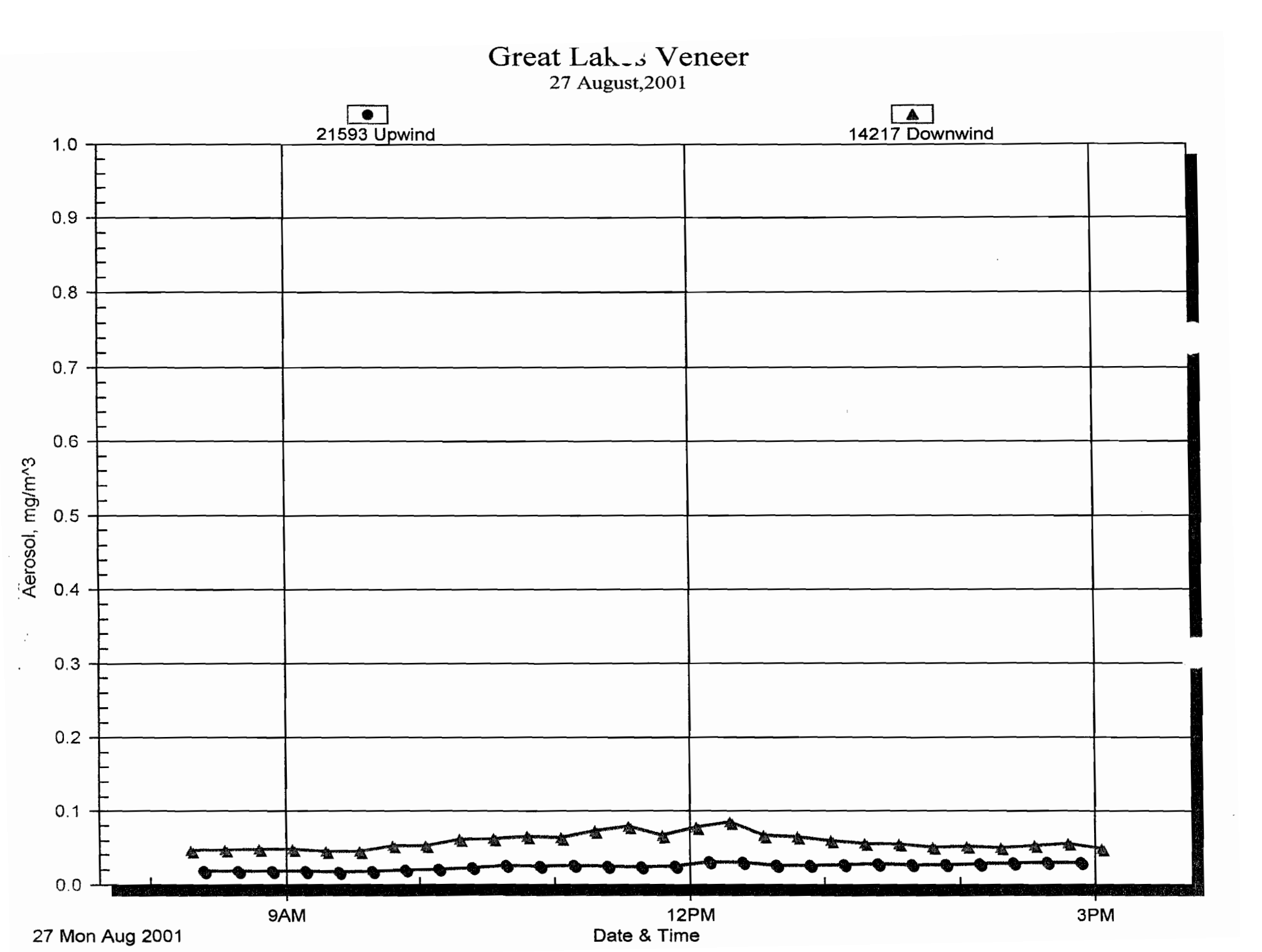
E CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS. BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE,

27 August 2001

STATE OF NEW

Great Lakes Veneer

27 August,2001



Current Graph: OCGLV 27TH
Start time: 08:02:53 08/27/2001 Stop time: 15:02:53 08/27/2001

Legend: 21593 Upw. 14217 Downwind

Channel:	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3
Average:	0.024	0.058
Lowest point:	0.017	0.045
Time	09:23:27	09:17:53
Date	08/27/2001	08/27/2001
Highest point:	0.031	0.085
Time	12:08:27	12:17:53
Date	08/27/2001	08/27/2001
Log interval: hh:mm:ss	00:15:00	00:15:00

Oswego Castings/Great es Veneer 8/27/01

Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
8/27/01	12:00a	70.9	74.5	70.9	71.1	70.9	100	70.9	2.0	7.0	SW	0.00	29.922	61.1	54	30
8/27/01	12:30a	71.3	74.9	71.3	71.3	70.9	100	71.3	2.0	10.0	SW	0.00	29.929	61.6	56	30
8/27/01	1:00a	71.5	75.1	71.5	71.8	71.5	100	71.5	2.0	10.0	WSW	0.00	29.928	61.8	58	30
8/27/01	1:30a	69.4	72.5	68.3	71.5	69.4	100	69.4	5.0	16.0	N	0.00	29.942	61.8	58	30
8/27/01	2:00a	68.9	71.3	68.9	69.4	68.9	97	68.0	4.0	13.0	N	0.00	29.946	61.4	58	30
8/27/01	2:30a	68.3	70.4	68.3	68.9	68.3	100	68.3	3.0	7.0	N	0.00	29.954	61.0	57	30
8/27/01	3:00a	68.4	70.5	67.2	68.6	68.3	98	67.8	5.0	12.0	N	0.00	29.959	60.7	56	30
8/27/01	3:30a	67.8	69.5	66.6	68.4	67.8	100	67.8	5.0	11.0	N	0.00	29.964	60.2	55	30
8/27/01	4:00a	67.6	69.3	67.6	67.8	67.6	100	67.6	3.0	10.0	N	0.00	29.967	61.1	58	30
8/27/01	4:30a	67.8	69.4	67.8	67.9	67.6	94	66.0	3.0	10.0	N	0.00	29.971	60.3	57	30
8/27/01	5:00a	67.6	69.2	67.6	67.8	67.6	97	66.7	3.0	8.0	N	0.00	29.976	60.3	55	30
8/27/01	5:30a	67.6	69.1	67.6	67.6	67.6	94	65.8	3.0	7.0	N	0.00	29.987	61.1	57	30
8/27/01	6:00a	67.4	68.7	67.4	67.6	67.4	94	65.6	2.0	6.0	NNW	0.00	29.997	60.2	56	30
8/27/01	6:30a	67.4	68.6	67.4	67.4	67.3	92	65.0	1.0	5.0	NNW	0.00	30.005	61.3	57	30
8/27/01	7:00a	67.4	68.5	67.4	67.4	67.3	90	64.4	1.0	3.0	NNW	0.00	30.015	60.7	58	30
8/27/01	7:30a	67.3	68.4	67.3	67.6	67.3	92	64.9	2.0	6.0	NNW	0.00	30.025	62.4	59	30
8/27/01	8:00a	68.4	70.2	68.4	68.4	67.1	87	64.4	2.0	6.0	NNW	0.00	30.032	63.6	60	30
8/27/01	8:30a	68.4	70.3	68.4	68.6	68.3	92	66.0	2.0	7.0	N	0.00	30.044	64.6	61	30
8/27/01	9:00a	68.1	69.9	68.1	68.4	68.1	92	65.7	2.0	10.0	N	0.00	30.047	64.8	57	30
8/27/01	9:30a	68.1	69.9	68.1	68.1	67.9	89	64.7	2.0	7.0	NNW	0.00	30.045	64.8	61	30
8/27/01	10:00a	68.6	70.5	68.6	68.8	68.1	91	65.9	2.0	7.0	N	0.00	30.049	64.0	57	30
8/27/01	10:30a	69.3	71.1	69.3	69.3	68.4	89	65.9	2.0	7.0	N	0.00	30.051	64.1	54	30
8/27/01	11:00a	69.3	71.1	69.3	69.4	69.3	89	65.9	2.0	8.0	N	0.00	30.057	65.4	54	30
8/27/01	11:30a	69.1	70.9	69.1	69.8	69.1	87	65.1	2.0	7.0	N	0.00	30.064	65.8	56	30
8/27/01	12:00p	69.8	71.6	69.8	69.8	68.9	83	64.4	2.0	5.0	N	0.00	30.066	65.9	55	30
8/27/01	12:30p	70.9	72.7	70.9	71.3	69.8	80	64.4	2.0	6.0	N	0.00	30.061	67.5	58	30
8/27/01	1:00p	72.0	73.8	72.0	72.0	70.8	83	66.6	1.0	6.0	N	0.00	30.055	66.9	52	30
8/27/01	1:30p	71.8	73.3	71.8	72.8	71.8	78	64.6	1.0	5.0	N	0.00	30.057	66.4	52	30
8/27/01	2:00p	73.3	75.1	73.3	73.3	71.8	80	66.8	2.0	6.0	N	0.00	30.051	67.0	52	30
8/27/01	2:30p	73.3	75.0	73.3	73.9	73.2	78	66.0	2.0	8.0	N	0.00	30.048	66.7	52	30
8/27/01	3:00p	74.0	75.8	74.0	74.7	73.3	78	66.7	2.0	8.0	N	0.00	30.039	66.1	51	30
8/27/01	3:30p	74.7	76.6	74.7	74.9	74.0	81	68.5	2.0	7.0	N	0.00	30.039	66.6	56	30
8/27/01	4:00p	73.9	75.8	73.9	74.7	73.7	82	68.1	2.0	7.0	N	0.00	30.031	66.7	51	30
8/27/01	4:30p	73.3	75.2	73.3	73.9	73.2	84	68.2	2.0	6.0	N	0.00	30.024	66.2	52	30
8/27/01	5:00p	73.2	75.1	73.2	73.5	73.2	85	68.4	2.0	5.0	N	0.00	30.019	65.6	55	30
8/27/01	5:30p	73.2	75.0	73.2	73.3	73.2	81	67.0	1.0	3.0	N	0.00	30.016	64.3	54	30
8/27/01	6:00p	73.3	75.1	73.3	73.3	73.2	79	66.4	0.0	2.0	N	0.00	30.005	63.2	53	30
8/27/01	6:30p	72.8	74.6	72.8	73.3	72.8	81	66.6	1.0	2.0	N	0.00	30.000	63.0	50	30
8/27/01	7:00p	72.5	74.3	72.5	72.8	72.5	81	66.3	0.0	1.0	N	0.00	29.999	62.9	50	30
8/27/01	7:30p	71.3	73.1	71.3	72.5	71.3	90	68.2	0.0	0.0	N	0.00	30.001	62.7	50	30
8/27/01	8:00p	67.6	69.2	67.6	71.3	67.6	97	66.7	0.0	1.0	N	0.00	30.003	62.5	48	30
8/27/01	8:30p	65.0	65.8	65.0	67.6	65.0	99	64.7	0.0	1.0	N	0.00	30.009	63.5	51	30
8/27/01	9:00p	64.0	64.4	64.0	65.0	64.0	96	62.8	0.0	1.0	SW	0.00	30.010	63.0	50	30
8/27/01	9:30p	64.0	64.1	64.0	64.0	63.9	93	61.9	0.0	0.0	N	0.00	30.012	62.2	49	30
8/27/01	10:00p	63.4	63.4	63.4	64.0	63.4	93	61.3	0.0	2.0	SSW	0.00	30.011	63.2	50	30
8/27/01	10:30p	64.3	64.3	64.3	64.3	63.4	91	61.6	0.0	3.0	SSW	0.00	30.012	63.6	49	30
8/27/01	11:00p	64.0	64.3	64.0	64.5	64.0	95	62.5	0.0	1.0	SSE	0.00	30.007	64.0	49	30
8/27/01	11:30p	63.7	63.9	63.7	64.0	63.5	95	62.2	0.0	2.0	SSW	0.00	30.007	64.1	49	30
8/27/01	12:00p	64.3	64.5	64.3	64.3	63.7	93	62.2	0.0	5.0	SSW	0.00	30.006	64.1	49	30

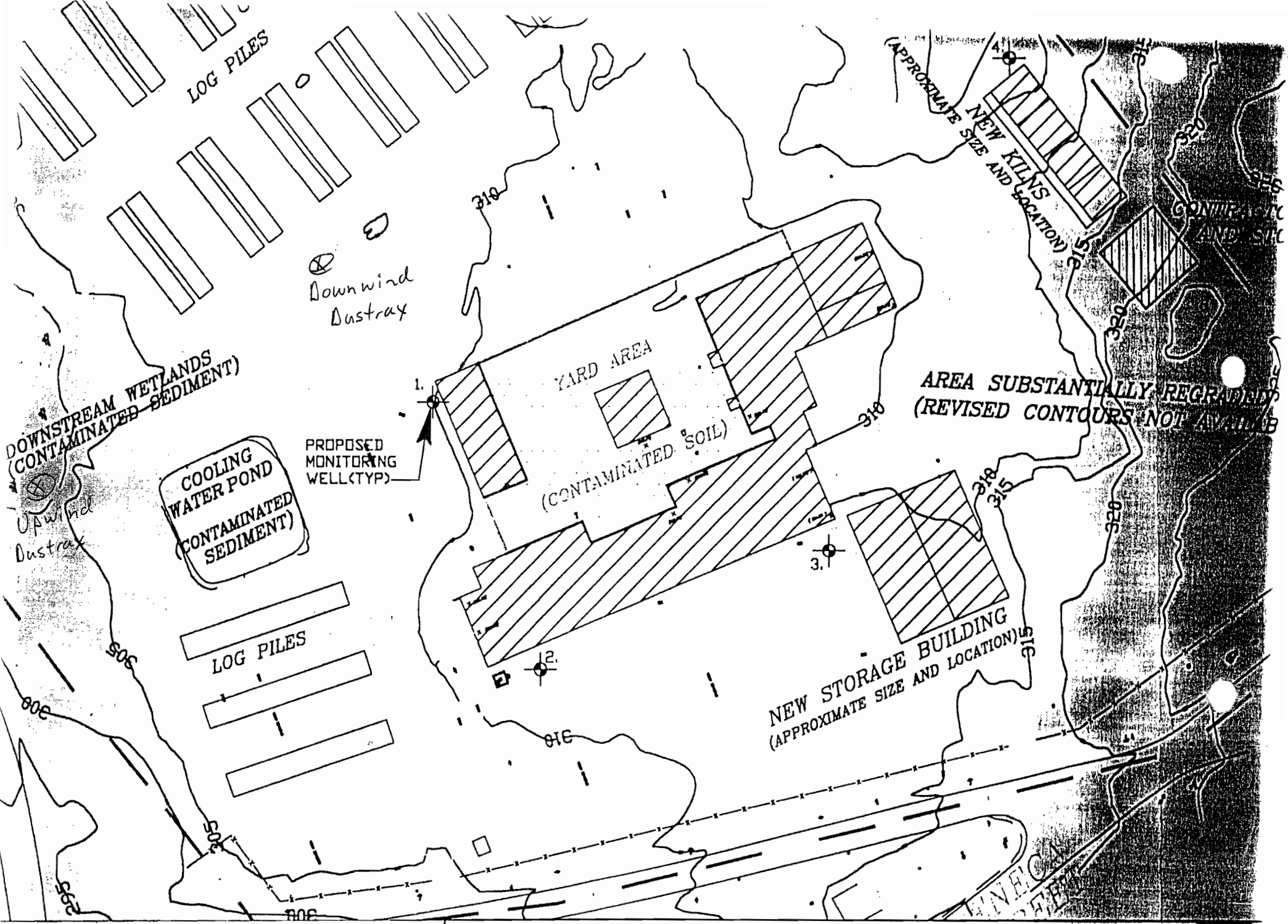
Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	8-27-01
Oswego Casting (Great Lakes Veneer)	Oswego, New York	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	Upwind	DUSTRAX	7:30	3:00	450	2.0	900	N/A
675876	"	Total Dust ID #	7:30	3:00	↓	2.0	900	TOTAL DUST
684512	"	"	7:30	3:00	↓	0.2	90	PCB
14217	Downwind	DUSTRAX	7:35	3:05	450	2.0	900	N/A
600763	"	Total Dust ID #	7:35	3:05	↓	2.0	900	TOTAL DUST
600241	"	PCB (Florisil) ID #	7:35	3:05	↓	0.2	90	PCB
21589	Work Area	DUSTRAX	No Sample					N/A
624467	Personal	No Sample						

Technicians Name	Ashley Coleman ~~Bruce Floyd~~	Date/Time	8-27-01	Signature	Ashley Coleman
Comments	Ground is saturated because it rained Sunday night.				



OTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH ... BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE, ... EXCAVATION SHALL

August 24, 2001

STATE OF NEW ... MICHAEL ...

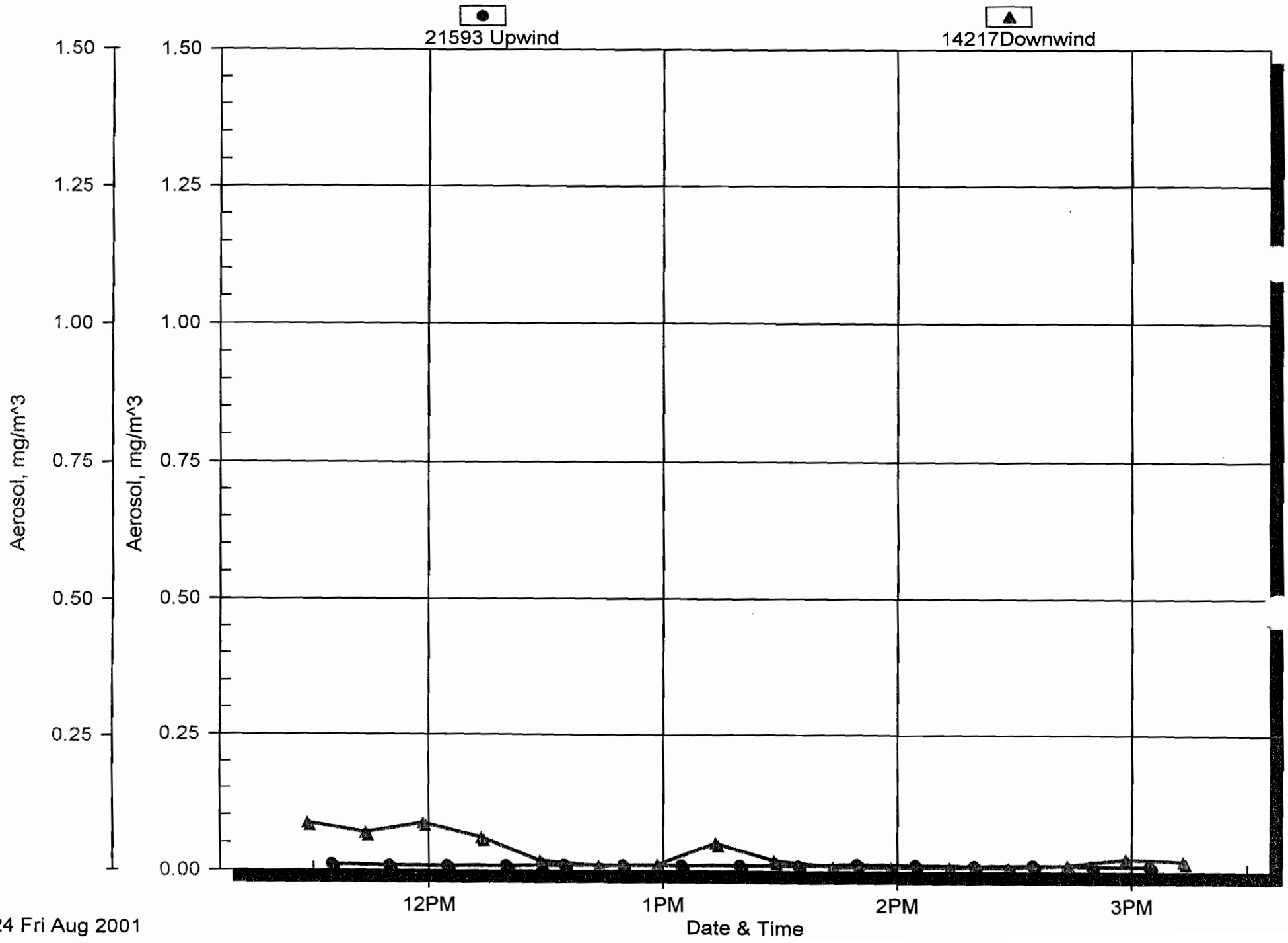
Current Graph: OSGLV
Start time: 11:13:26 08/24/2001 Stop time: 15:13:26 08/24/2001

Legend: 21593 Upw. 14217Downwind

Channel: (Units)	Aerosol mg/m^3	Aerosol mg/m^3
Average:	0.010	0.035
Lowest point:	0.009	0.012
Time	11:49:38	13:58:26
Date	08/24/2001	08/24/2001
Highest point:	0.013	0.090
Time	13:49:38	11:28:26
Date	08/24/2001	08/24/2001
Log interval: hh:mm:ss	00:15:00	00:15:00

Great Lakes Veneer

24 August,2001



24 Fri Aug 2001

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	8-30-01
Oswego Casting (Great Lakes Veneer)	Oswego, New York	Contract Number	D004283

Pump ID No	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	Upwind	DUSTRAX	7:40	17:15	515	2.0	———	N/A
575876	"	" Total Dust ID # OCUW30-8D	7:40	↑	1	2.0	1030	TOTAL DUST
624512	"	" PCB (Florisil) ID # OCUW30	7:40		1	0.2	103.0	PCB
14217	Downwind	DUSTRAX	7:45		510	2.0	~~1020~~ PAY	N/A
600763	"	" Total Dust ID # OCDW30-8D	7:45		1	2.0	1020	TOTAL DUST
600241	"	" PCB (Florisil) ID # OCDW30	7:45	↓	1	0.2	102.0	PCB
21589	Work Area	DUSTRAX	———	No	Sample	———	———	N/A
624467	Personal		———	No	Sample	———	———	

Technicians Name	Ashley Coleman ~~Bruce Floyd~~	Date/Time	8-30-01	Signature	Ashley Coleman
Comments					

Oswego Castings/Great es Veneer 8/30/01

Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
8/30/01	12:00a	56.3	56.3	56.3	56.3	56.0	93	54.3	0.0	2.0	S	0.00	30.227	62.2	49	30
8/30/01	12:30a	56.3	56.3	56.3	56.3	56.0	92	54.0	0.0	2.0	SSW	0.00	30.220	61.8	49	30
8/30/01	1:00a	56.3	56.3	56.3	56.6	56.3	92	54.0	0.0	3.0	S	0.00	30.222	61.4	49	30
8/30/01	1:30a	55.9	55.9	55.9	56.3	55.9	95	54.5	0.0	2.0	S	0.00	30.220	61.1	49	30
8/30/01	2:00a	55.6	55.6	55.6	55.9	55.6	96	54.5	0.0	3.0	S	0.00	30.220	60.8	48	30
8/30/01	2:30a	55.3	55.3	55.3	55.6	55.3	97	54.5	0.0	3.0	SSW	0.00	30.221	60.5	48	30
8/30/01	3:00a	55.0	55.0	55.0	55.3	55.0	96	53.9	0.0	2.0	SSW	0.00	30.219	60.0	48	30
8/30/01	3:30a	55.1	55.1	55.1	55.1	55.0	94	53.4	0.0	2.0	S	0.00	30.217	59.7	48	30
8/30/01	4:00a	54.2	54.2	54.2	55.1	54.2	95	52.8	0.0	2.0	S	0.00	30.216	59.4	48	30
8/30/01	4:30a	54.1	54.1	54.1	54.2	54.1	94	52.4	1.0	5.0	S	0.00	30.216	59.1	48	30
8/30/01	5:00a	53.6	53.6	53.6	54.1	53.6	95	52.2	0.0	3.0	SSW	0.00	30.230	58.8	48	30
8/30/01	5:30a	53.6	53.6	53.6	53.9	53.6	97	52.8	1.0	6.0	SSW	0.00	30.232	58.4	48	30
8/30/01	6:00a	53.2	53.2	53.2	53.6	53.2	100	53.2	1.0	7.0	SSW	0.00	30.235	58.1	48	30
8/30/01	6:30a	52.8	52.8	52.8	53.2	52.8	100	52.8	1.0	5.0	SSW	0.00	30.241	57.7	48	30
8/30/01	7:00a	53.3	53.3	53.3	53.3	52.6	100	53.3	1.0	5.0	SSW	0.00	30.241	58.1	54	30
8/30/01	7:30a	55.1	55.1	55.1	55.1	53.3	99	54.8	1.0	7.0	SSW	0.00	30.248	59.6	66	30
8/30/01	8:00a	57.8	57.5	57.8	57.8	55.1	97	57.0	1.0	7.0	SSW	0.00	30.244	61.6	66	30
8/30/01	8:30a	60.7	60.0	60.7	60.9	57.8	89	57.4	2.0	7.0	SSW	0.00	30.227	64.6	67	30
8/30/01	9:00a	63.1	62.5	63.1	63.1	60.9	86	58.8	2.0	11.0	SSW	0.00	30.204	67.2	64	30
8/30/01	9:30a	66.1	65.4	66.1	66.1	63.2	77	58.7	2.0	8.0	SSW	0.00	30.192	69.7	62	30
8/30/01	10:00a	68.4	69.5	68.4	68.4	66.1	76	60.5	2.0	11.0	SSW	0.00	30.185	70.6	58	30
8/30/01	10:30a	70.3	70.3	70.3	70.4	68.4	69	59.6	2.0	10.0	SSW	0.00	30.170	70.2	53	30
8/30/01	11:00a	72.8	73.2	72.8	72.8	70.3	63	59.5	2.0	12.0	SSW	0.00	30.172	70.4	55	30
8/30/01	11:30a	74.7	75.4	74.7	74.7	72.8	64	61.7	2.0	10.0	SSW	0.00	30.153	69.7	53	30
8/30/01	12:00p	75.6	75.8	75.6	75.8	74.7	61	61.2	3.0	12.0	SW	0.00	30.147	69.7	57	30
8/30/01	12:30p	76.7	76.9	76.7	76.7	75.6	61	62.2	3.0	10.0	SW	0.00	30.136	68.5	53	30
8/30/01	1:00p	78.1	78.9	78.1	78.3	76.7	57	61.6	3.0	10.0	SSW	0.00	30.128	69.4	54	30
8/30/01	1:30p	79.2	79.6	79.2	79.2	78.1	52	60.1	4.0	10.0	SSW	0.00	30.119	70.7	57	30
8/30/01	2:00p	81.4	81.7	81.4	81.4	79.2	44	57.4	3.0	12.0	SW	0.00	30.114	70.7	53	30
8/30/01	2:30p	81.8	82.4	81.8	82.0	81.1	45	58.4	3.0	10.0	SW	0.00	30.103	69.7	54	30
8/30/01	3:00p	82.2	82.8	82.2	82.4	81.4	44	58.1	2.0	10.0	WSW	0.00	30.089	68.2	53	30
8/30/01	3:30p	79.2	80.3	79.2	82.4	79.2	56	62.1	1.0	6.0	N	0.00	30.093	66.2	50	30
8/30/01	4:00p	79.6	79.8	79.6	79.9	78.5	51	59.9	1.0	6.0	N	0.00	30.074	67.0	54	30
8/30/01	4:30p	79.4	80.1	79.4	79.6	79.0	54	61.3	2.0	5.0	N	0.00	30.065	64.8	52	30
8/30/01	5:00p	78.8	78.8	78.8	79.8	78.8	47	56.9	1.0	5.0	N	0.00	30.056	65.1	50	30
8/30/01	5:30p	77.6	77.7	77.6	78.8	77.6	52	58.6	2.0	5.0	N	0.00	30.048	65.8	52	30
8/30/01	6:00p	77.0	77.0	77.0	77.6	77.0	60	62.0	1.0	5.0	N	0.00	30.046	63.8	55	30
8/30/01	6:30p	76.8	76.8	76.8	77.2	76.8	60	61.9	1.0	3.0	NNE	0.00	30.033	65.1	52	30
8/30/01	7:00p	75.6	77.2	75.6	76.8	75.6	69	64.7	0.0	1.0	S	0.00	30.016	64.5	51	30
8/30/01	7:30p	73.5	75.3	73.5	75.6	73.5	79	66.6	0.0	1.0	SSE	0.00	30.015	64.0	52	30
8/30/01	8:00p	70.3	72.1	70.3	73.5	70.3	90	67.2	0.0	2.0	S	0.00	30.010	63.6	51	30
8/30/01	8:30p	69.1	71.1	69.1	70.3	68.9	92	66.7	0.0	2.0	S	0.00	30.012	63.0	51	30
8/30/01	9:00p	70.3	72.1	70.3	70.3	69.1	89	66.9	1.0	5.0	S	0.00	30.019	62.4	50	30
8/30/01	9:30p	71.5	73.3	71.5	71.5	70.3	88	67.8	2.0	5.0	S	0.00	30.017	62.1	50	30
8/30/01	10:00p	71.6	73.4	71.6	71.8	71.5	89	68.2	2.0	8.0	SSW	0.00	30.015	63.6	51	30
8/30/01	10:30p	71.8	73.8	71.8	72.0	71.6	91	69.0	3.0	10.0	SSW	0.00	30.012	62.9	50	30
8/30/01	11:00p	71.5	73.3	71.5	71.8	71.5	89	68.1	3.0	8.0	SSW	0.00	30.004	62.2	50	30
8/30/01	11:30p	71.1	73.3	71.1	71.5	71.1	92	68.7	3.0	10.0	SSW	0.00	29.996	63.6	50	30
8/30/01	12:00p	71.3	73.3	71.3	71.3	71.1	91	68.5	4.0	11.0	SSW	0.00	29.986	63.2	50	30

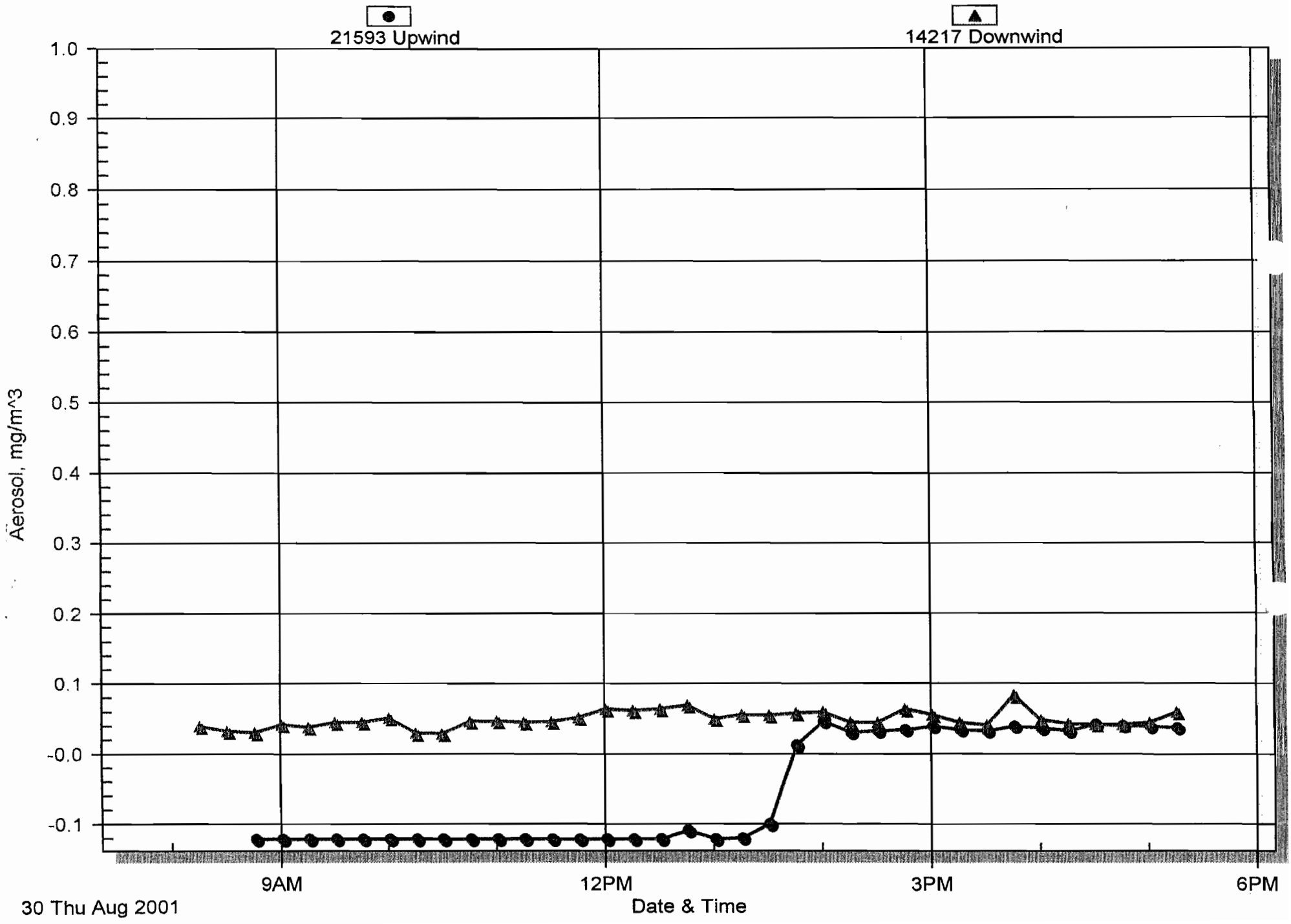
Current Graph: 30th UCGLV
Start time: 08:00:38 08/30/2001 Stop time: 17:15:59 08/30/2001

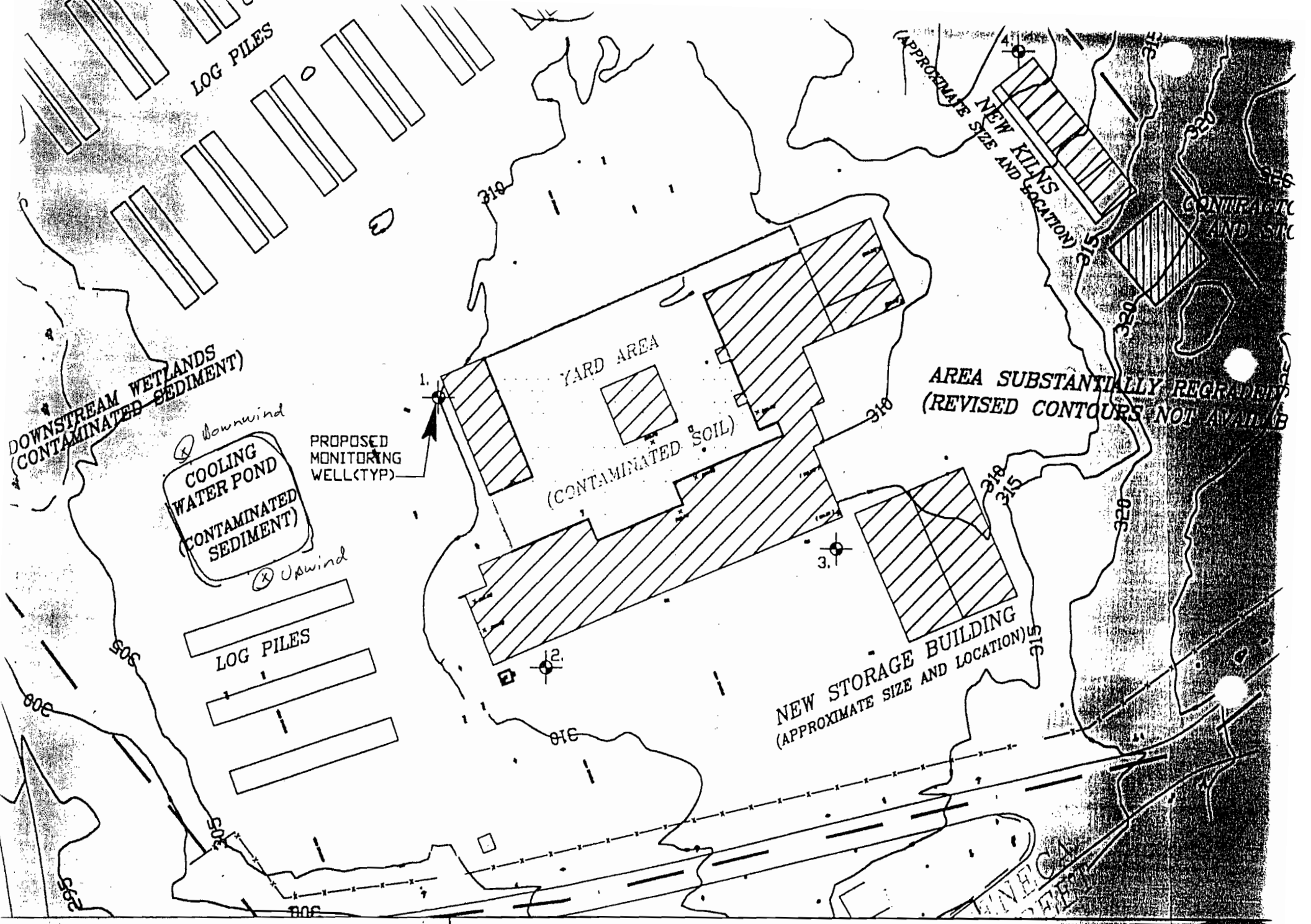
Legend: 21593 Upw. 14217 Downwind

Channel:	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3
Average:	-0.053	0.049
Lowest point:	-0.121	0.028
Time	08:45:59	10:30:38
Date	08/30/2001	08/30/2001
Highest point:	0.046	0.083
Time	14:00:59	15:45:38
Date	08/30/2001	08/30/2001
Log interval: hh:mm:ss	00:15:00	00:15:00

Great Lakes Veneer

30 August, 2001





OTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

30 August 2001

STATE OF NEW

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	
Oswego Casting (Great Lakes Veneer)	Oswego, New York	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	Upwind	DUSTRAX	12:30	4:00	210	2.0	420.0	N/A
575876	" "	Total Dust ID#	12:30	4:00	210	2.0	420.0	TOTAL DUST
624512	" "	PCB (Florisil) ID#	12:30	4:00	210	0.2	42.0	PCB
14217	Downwind	DUSTRAX	12:35	4:05	210	2.0	420.0	N/A
600763	" "	Total Dust ID#	12:35	4:05	210	2.0	420.0	TOTAL DUST
600241	" "	PCB (Florisil) ID#	12:35	4:05	210	0.2	420.[illegible]	PCB
21589	Work Area	DUSTRAX		No	Sample			N/A
624467	Personal			No	Sample			

Technicians Name	~~Bruce Floyd~~ Ashley Coleman	Date/Time	9-4-01	Signature	Ashley Coleman
Comments	little dusty from machines being driven around				

O'Rourke Incorporated

Oswego Castings/Great es Veneer 9/04/01

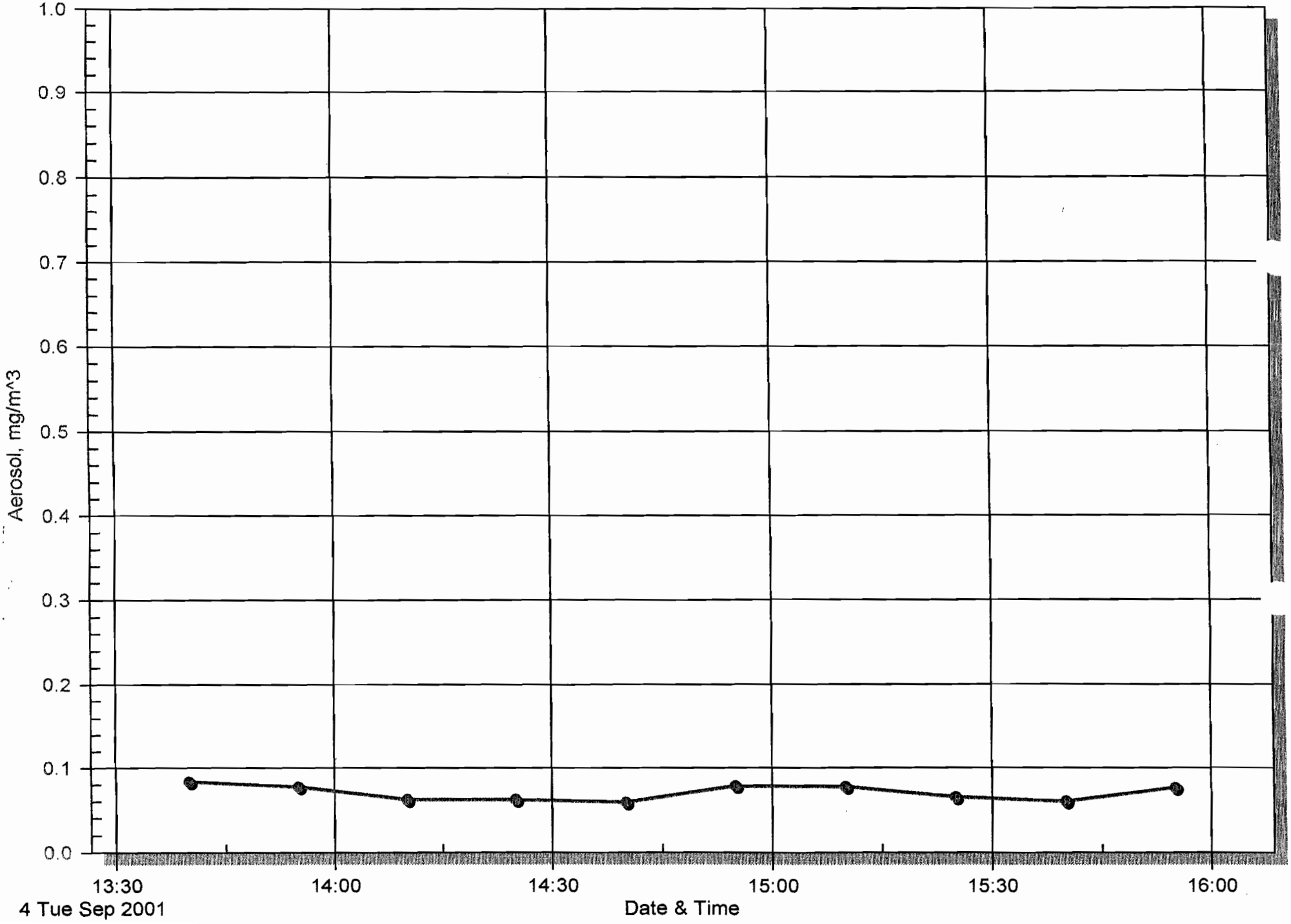
Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
9/04/01	12:00a	67.3	68.0	67.3	68.1	67.1	86	63.0	2.0	7.0	SSW	0.00	30.023	64.6	46	30
9/04/01	12:30a	67.1	67.7	67.1	67.3	66.9	88	63.4	2.0	6.0	SSW	0.00	30.021	65.1	45	30
9/04/01	1:00a	66.1	66.6	66.1	67.1	66.1	91	63.4	2.0	7.0	SSW	0.00	30.018	65.3	45	30
9/04/01	1:30a	65.6	66.0	65.6	66.1	65.5	92	63.2	2.0	8.0	SSW	0.00	30.009	65.4	45	30
9/04/01	2:00a	65.8	66.4	65.8	66.0	65.6	93	63.7	3.0	8.0	SSW	0.00	29.999	65.6	45	30
9/04/01	2:30a	65.6	66.0	65.6	66.0	65.6	91	62.9	3.0	8.0	SSW	0.00	29.992	65.8	45	30
9/04/01	3:00a	65.5	66.1	65.5	65.6	65.5	94	63.7	3.0	7.0	SSW	0.00	29.986	65.8	45	30
9/04/01	3:30a	65.6	66.0	65.6	65.6	65.5	92	63.2	2.0	8.0	SSW	0.00	29.971	65.9	46	30
9/04/01	4:00a	66.1	66.5	66.1	66.1	65.6	90	63.1	2.0	8.0	SSW	0.00	29.973	65.9	46	30
9/04/01	4:30a	66.4	67.0	66.4	66.6	66.1	92	64.0	2.0	11.0	SW	0.00	29.980	63.8	46	30
9/04/01	5:00a	65.8	66.5	65.8	66.4	65.8	95	64.3	1.0	5.0	SSW	0.00	29.979	64.5	46	30
9/04/01	5:30a	65.6	66.2	65.6	65.8	65.6	94	63.8	1.0	5.0	SSW	0.00	29.987	64.8	45	30
9/04/01	6:00a	65.8	66.5	65.8	65.8	65.6	94	64.0	1.0	7.0	SW	0.00	29.993	64.9	45	30
9/04/01	6:30a	66.6	67.3	66.6	66.6	65.8	92	64.2	2.0	6.0	SW	0.00	29.994	65.1	46	30
9/04/01	7:00a	67.1	67.8	67.1	67.1	66.6	90	64.1	2.0	6.0	SW	0.00	30.002	65.8	49	30
9/04/01	7:30a	67.8	69.4	67.8	67.8	67.1	91	65.1	2.0	7.0	SW	0.00	30.014	64.8	46	30
9/04/01	8:00a	69.1	72.0	69.1	69.1	67.8	100	69.1	1.0	6.0	SW	0.00	30.013	65.9	72	30
9/04/01	8:30a	70.3	73.2	70.3	70.3	69.1	96	69.1	1.0	7.0	N	0.00	30.023	68.9	70	30
9/04/01	9:00a	69.9	71.9	69.9	70.3	69.9	91	67.2	1.0	6.0	N	0.00	30.026	69.9	65	30
9/04/01	9:30a	69.4	71.5	69.4	69.9	69.4	92	67.0	1.0	5.0	N	0.00	30.033	70.9	72	30
9/04/01	10:00a	69.9	71.7	69.9	69.9	69.4	84	64.8	1.0	5.0	N	0.00	30.040	71.6	69	30
9/04/01	10:30a	72.1	73.9	72.1	72.1	69.8	80	65.6	1.0	7.0	NNW	0.00	30.043	73.1	67	30
9/04/01	11:00a	74.4	76.2	74.4	74.4	72.1	74	65.6	1.0	7.0	N	0.00	30.050	75.6	64	30
9/04/01	11:30a	74.7	76.3	74.7	74.7	74.0	69	63.9	2.0	7.0	N	0.00	30.059	75.7	62	30
9/04/01	12:00p	74.9	76.7	74.9	74.9	74.2	71	64.9	2.0	11.0	N	0.00	30.072	77.0	59	30
9/04/01	12:30p	73.3	74.9	73.3	74.9	73.3	73	64.1	3.0	10.0	N	0.00	30.078	78.0	57	30
9/04/01	1:00p	73.7	75.5	73.7	74.0	73.2	79	66.8	3.0	10.0	N	0.00	30.076	78.4	59	30
9/04/01	1:30p	73.0	74.8	73.0	74.2	73.0	79	66.1	3.0	10.0	N	0.00	30.080	76.6	50	30
9/04/01	2:00p	73.0	74.8	73.0	73.2	72.0	80	66.5	4.0	12.0	N	0.00	30.078	71.8	52	30
9/04/01	2:30p	73.2	74.9	72.3	73.3	72.1	77	65.6	5.0	13.0	N	0.00	30.083	69.4	55	30
9/04/01	3:00p	73.7	75.5	73.7	73.7	72.7	81	67.5	3.0	8.0	N	0.00	30.079	67.9	56	30
9/04/01	3:30p	73.2	75.0	73.2	73.7	72.7	83	67.7	4.0	12.0	N	0.00	30.081	67.5	70	30
9/04/01	4:00p	73.7	75.6	73.7	73.7	73.2	83	68.2	2.0	11.0	N	0.00	30.083	70.1	70	30
9/04/01	4:30p	72.5	74.2	72.5	73.7	72.5	79	65.6	3.0	10.0	N	0.00	30.084	70.7	68	30
9/04/01	5:00p	71.6	73.4	71.6	72.5	71.6	80	65.1	3.0	10.0	N	0.00	30.084	67.2	55	30
9/04/01	5:30p	69.4	71.2	67.3	71.6	69.4	80	63.0	6.0	14.0	N	0.00	30.103	64.5	61	30
9/04/01	6:00p	68.8	70.6	65.0	69.4	68.8	83	63.4	8.0	20.0	N	0.00	30.125	63.2	59	30
9/04/01	6:30p	68.1	69.9	65.0	68.8	68.1	82	62.4	7.0	18.0	N	0.00	30.138	62.7	59	30
9/04/01	7:00p	67.6	68.6	64.4	68.1	67.6	81	61.6	7.0	16.0	N	0.00	30.144	62.4	58	30
9/04/01	7:30p	66.3	65.8	62.1	67.6	66.3	79	59.6	8.0	17.0	N	0.00	30.155	61.6	58	30
9/04/01	8:00p	65.3	64.7	60.9	66.3	65.3	81	59.3	8.0	20.0	N	0.00	30.173	63.3	58	30
9/04/01	8:30p	64.8	63.8	60.3	65.3	64.8	77	57.4	8.0	19.0	N	0.00	30.192	62.7	60	30
9/04/01	9:00p	64.5	63.5	60.0	64.8	64.5	78	57.5	8.0	16.0	N	0.00	30.203	61.3	56	30
9/04/01	9:30p	63.7	62.7	60.0	64.5	63.7	79	57.1	7.0	20.0	N	0.00	30.216	62.7	59	30
9/04/01	10:00p	63.1	61.9	59.3	63.7	63.1	78	56.1	7.0	17.0	N	0.00	30.223	63.5	59	30
9/04/01	10:30p	62.6	61.1	57.7	63.1	62.6	76	54.9	8.0	18.0	N	0.00	30.226	61.8	58	30
9/04/01	11:00p	62.1	60.4	57.2	62.6	62.1	73	53.3	8.0	18.0	N	0.00	30.239	62.5	58	30
9/04/01	11:30p	62.0	60.2	58.1	62.1	62.0	73	53.2	7.0	17.0	N	0.00	30.245	63.0	58	30
9/04/01	12:00p	61.8	59.9	57.8	62.0	61.8	71	52.3	7.0	16.0	N	0.00	30.249	63.2	58	30

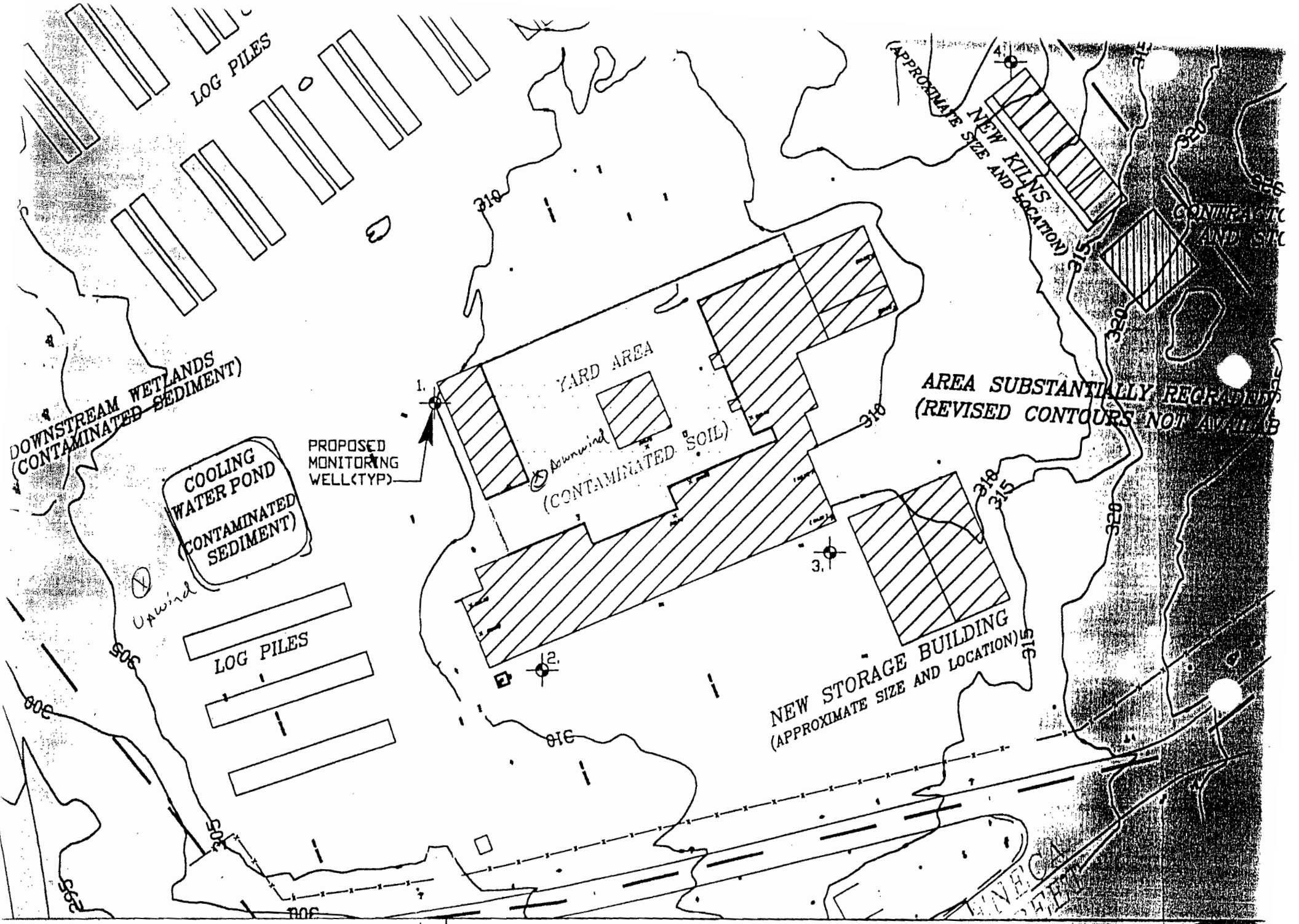
Current Graph: 4thOCGLV
Start time: 13:25:03 09/04/2001 Stop time: 15:55:03 09/04/2001

Legend:	Aerosol
Channel:	Aerosol
(Units)	mg/m^3
Average:	0.070
Lowest point:	0.059
Time	14:40:03
Date	09/04/2001
Highest point:	0.083
Time	13:40:03
Date	09/04/2001
Log interval: hh:mm:ss	00:15:00

Great Lakes Veneer

4 September, 2001 Downwind





OTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

Sept. 4, 2001

STATE OF NEW

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	5 Sept 2001
Oswego Castings (G.L.V.)	Oswego, New York	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	Upwind	DUSTRAK	7:50	3:00	415	2.0	[illegible] Burst	—
600241	" "	SAMPLE ID # OCUW5-PD				2.0	830	TOTAL DUST
624512	" "	SAMPLE ID # OCUW5				.2	83.0	PCB
14217	Down wind	DUSTRAK			395	2.0	—	—
575876	" "	SAMPLE ID # OCDW5-PD				2.0	790	TOTAL DUST
600763	" "	SAMPLE ID # OCDW5				.2	79.0	PCB
		NOTHING FOLLOWS						

Technicians Name	Bruce Floyd	Date/Time	5 Sept, 01 14:30	Signature	Bruce W. Floyd

Comments

Abscope counts - Moved contaminated soil B section to C stockpile, also clean (pushed) dirt to former cooling pond. Setting forms.
Partly cloudy, cool outside 60's slightly breezy

Oswego Castings/Great ss Veneer 9/05/01

Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
9/05/01	12:00a	61.8	59.9	57.8	62.0	61.8	71	52.3	7.0	16.0	N	0.00	30.249	63.2	58	30
9/05/01	12:30a	61.6	59.8	58.8	61.8	61.6	73	52.9	6.0	13.0	N	0.00	30.260	63.2	58	30
9/05/01	1:00a	61.3	59.4	58.5	61.6	61.3	72	52.2	6.0	14.0	N	0.00	30.269	63.2	57	30
9/05/01	1:30a	60.9	58.8	58.0	61.3	60.9	70	51.0	6.0	13.0	N	0.00	30.273	63.0	57	30
9/05/01	2:00a	60.4	58.9	57.5	60.9	60.4	78	53.5	6.0	12.0	N	0.00	30.276	63.0	57	30
9/05/01	2:30a	59.8	58.2	58.2	60.4	59.8	77	52.6	5.0	12.0	N	0.00	30.276	62.9	57	30
9/05/01	3:00a	59.3	57.6	57.7	59.8	59.3	74	51.0	5.0	12.0	N	0.00	30.286	62.7	56	30
9/05/01	3:30a	58.9	57.4	57.3	59.3	58.9	77	51.7	5.0	12.0	N	0.00	30.286	62.4	56	30
9/05/01	4:00a	58.6	57.3	56.9	58.9	58.6	75	50.7	5.0	12.0	N	0.00	30.298	62.2	56	30
9/05/01	4:30a	58.1	57.2	56.4	58.6	58.1	75	50.2	5.0	13.0	N	0.00	30.307	61.9	56	30
9/05/01	5:00a	57.3	57.0	55.6	58.1	57.3	72	48.3	5.0	12.0	NNE	0.00	30.313	61.4	56	30
9/05/01	5:30a	57.0	57.0	55.3	57.3	57.0	74	48.8	5.0	13.0	N	0.00	30.321	61.1	55	30
9/05/01	6:00a	56.5	56.5	56.5	57.0	56.5	77	49.4	4.0	12.0	N	0.00	30.325	60.7	55	30
9/05/01	6:30a	56.0	56.0	56.0	56.5	56.0	77	48.9	4.0	10.0	N	0.00	30.336	60.3	55	30
9/05/01	7:00a	56.3	56.3	56.3	56.3	56.0	77	49.2	3.0	8.0	NE	0.00	30.346	60.5	57	30
9/05/01	7:30a	56.7	56.7	56.7	56.7	56.2	75	48.9	2.0	7.0	NE	0.00	30.359	61.3	56	30
9/05/01	8:00a	57.3	57.0	55.6	57.3	56.7	76	49.8	5.0	11.0	NNE	0.00	30.367	62.9	57	30
9/05/01	8:30a	58.4	57.3	58.4	58.4	57.3	78	51.6	4.0	11.0	NNE	0.00	30.375	65.8	56	30
9/05/01	9:00a	58.9	57.4	57.3	58.9	58.3	79	52.4	5.0	12.0	N	0.00	30.386	65.8	53	30
9/05/01	9:30a	58.9	57.4	55.8	59.2	58.6	78	52.1	6.0	11.0	N	0.00	30.395	65.8	51	30
9/05/01	10:00a	59.6	58.2	58.0	59.8	58.7	80	53.4	5.0	10.0	N	0.00	30.401	65.4	49	30
9/05/01	10:30a	60.7	59.0	60.7	60.9	59.6	75	52.7	4.0	11.0	N	0.00	30.404	65.9	48	30
9/05/01	11:00a	60.9	58.9	60.9	61.2	60.5	71	51.4	4.0	10.0	N	0.00	30.407	65.8	46	30
9/05/01	11:30a	61.6	59.8	61.6	61.6	60.9	73	52.9	4.0	10.0	N	0.00	30.408	65.9	46	30
9/05/01	12:00p	62.6	60.7	62.6	62.7	61.6	71	53.1	4.0	11.0	N	0.00	30.404	65.1	44	30
9/05/01	12:30p	63.2	60.8	63.2	63.7	62.4	62	50.0	4.0	10.0	N	0.00	30.405	66.6	45	30
9/05/01	1:00p	64.0	62.0	64.0	64.0	63.1	66	52.4	4.0	11.0	N	0.00	30.402	68.5	43	30
9/05/01	1:30p	64.7	62.3	64.7	64.7	63.4	60	50.5	4.0	8.0	N	0.00	30.395	67.9	42	30
9/05/01	2:00p	64.0	61.7	64.0	64.8	63.9	62	50.7	4.0	8.0	N	0.00	30.391	66.4	42	30
9/05/01	2:30p	65.0	62.3	65.0	65.2	64.0	56	48.9	3.0	8.0	N	0.00	30.387	65.8	43	30
9/05/01	3:00p	65.5	63.0	65.5	65.6	64.5	57	49.9	3.0	8.0	N	0.00	30.374	65.1	44	30
9/05/01	3:30p	64.3	62.0	64.3	65.5	64.0	62	51.0	3.0	8.0	N	0.00	30.368	64.3	44	30
9/05/01	4:00p	65.3	62.6	65.3	65.3	64.3	56	49.2	2.0	10.0	N	0.00	30.363	64.3	48	30
9/05/01	4:30p	65.6	62.9	65.6	66.0	65.2	55	49.0	2.0	7.0	N	0.00	30.363	64.6	45	30
9/05/01	5:00p	65.2	62.2	65.2	65.6	65.0	52	47.1	1.0	6.0	N	0.00	30.357	66.6	50	30
9/05/01	5:30p	65.2	62.4	65.2	65.3	65.0	54	48.1	1.0	7.0	N	0.00	30.355	68.9	49	30
9/05/01	6:00p	64.8	62.0	64.8	65.2	64.8	55	48.2	2.0	7.0	N	0.00	30.357	70.4	48	30
9/05/01	6:30p	64.0	61.4	64.0	64.8	64.0	59	49.4	1.0	5.0	N	0.00	30.354	70.9	46	30
9/05/01	7:00p	63.1	60.9	63.1	64.0	63.1	65	51.1	0.0	3.0	N	0.00	30.350	70.9	45	30
9/05/01	7:30p	62.0	60.0	62.0	63.1	62.0	70	52.1	0.0	2.0	N	0.00	30.349	70.6	45	30
9/05/01	8:00p	59.8	58.2	59.8	62.0	59.8	78	52.9	0.0	2.0	N	0.00	30.358	69.9	45	30
9/05/01	8:30p	56.3	56.3	56.3	59.8	56.3	89	53.1	0.0	2.0	S	0.00	30.365	69.0	45	30
9/05/01	9:00p	53.9	53.9	53.9	56.3	53.9	94	52.2	0.0	2.0	S	0.00	30.373	68.2	45	30
9/05/01	9:30p	52.5	52.5	52.5	53.9	52.5	98	52.0	1.0	3.0	S	0.00	30.376	67.2	46	30
9/05/01	10:00p	51.7	51.7	51.7	52.5	51.7	98	51.2	0.0	2.0	S	0.00	30.379	66.2	46	30
9/05/01	10:30p	51.7	51.7	51.7	51.9	51.7	98	51.2	0.0	2.0	S	0.00	30.385	65.3	46	30
9/05/01	11:00p	51.9	51.9	51.9	51.9	51.4	98	51.4	0.0	2.0	S	0.00	30.392	64.3	47	30
9/05/01	11:30p	52.0	52.0	52.0	52.2	51.7	98	51.5	0.0	2.0	S	0.00	30.392	63.5	47	30
9/05/01	12:00p	50.8	50.8	50.8	52.0	50.7	100	50.8	0.0	2.0	S	0.00	30.394	62.5	48	30

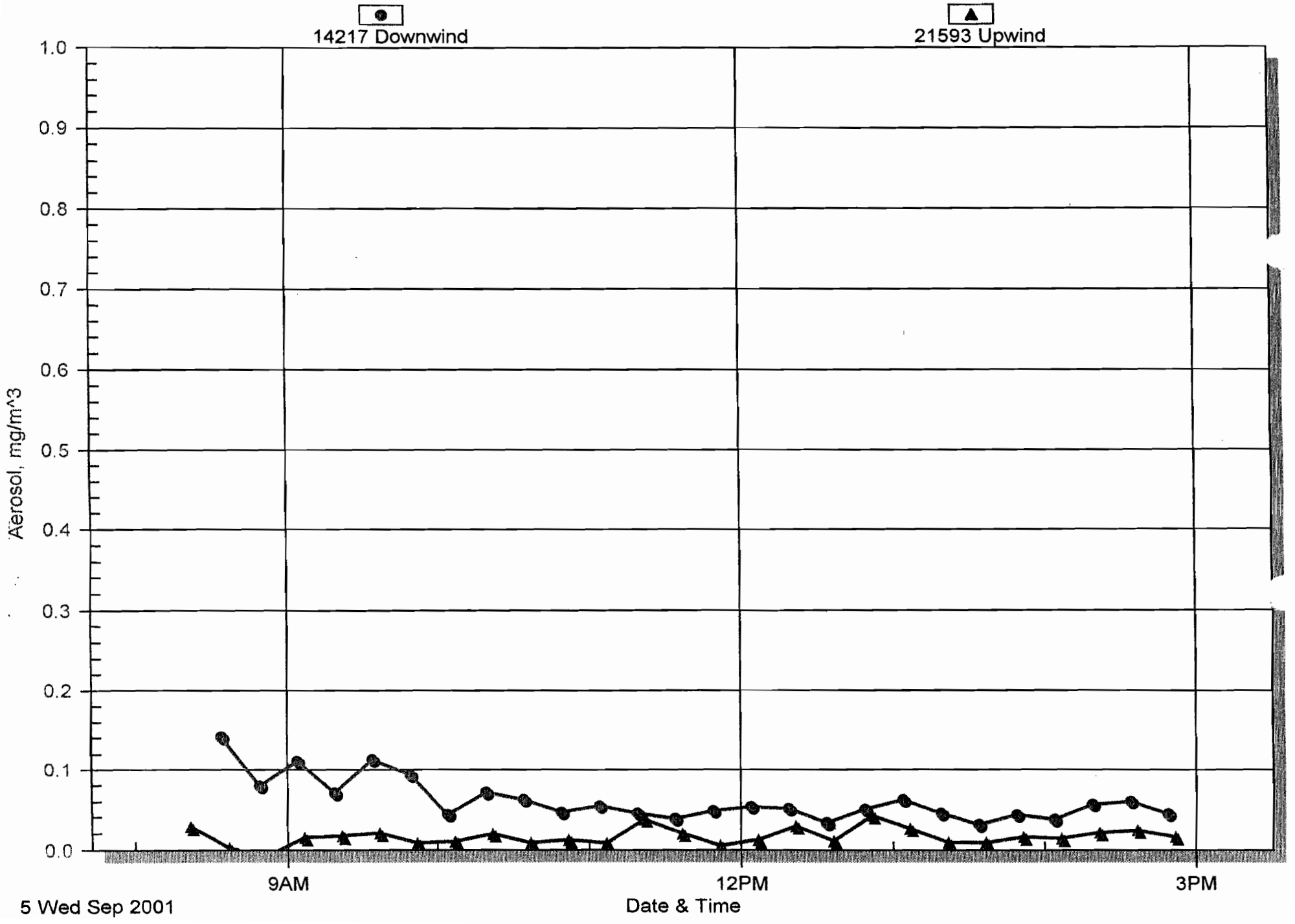
Current Graph: 5 Sept,01 OCGLV
Start time: 08:06:47 09/05/2001 Stop time: 14:51:47 09/05/2001

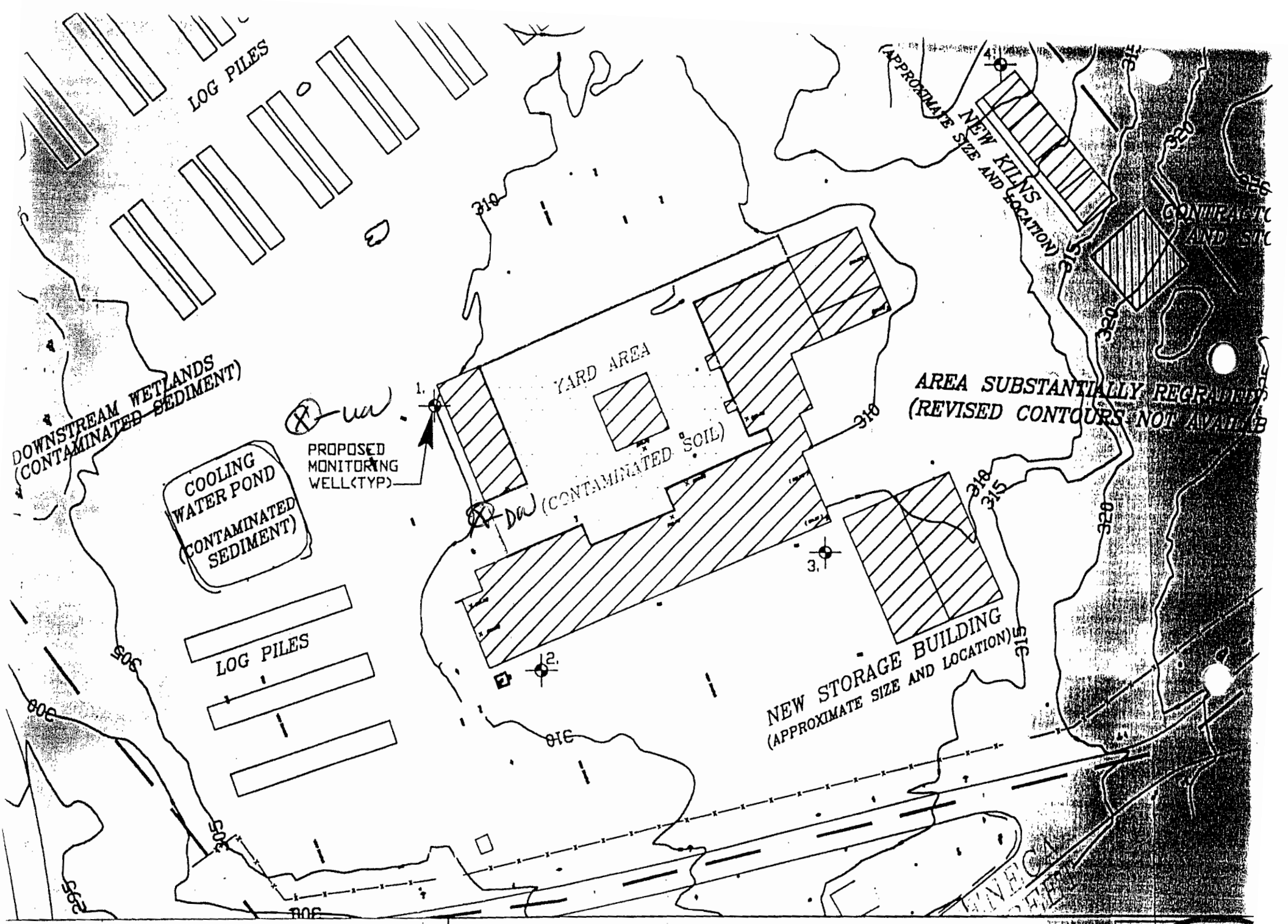
Legend: 14217 Dowi 21593 Upwind

Channel:	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3
Average:	0.061	0.016
Lowest point:	0.031	-0.007
Time	13:34:00	08:51:47
Date	09/05/2001	09/05/2001
Highest point:	0.141	0.042
Time	08:34:00	12:51:47
Date	09/05/2001	09/05/2001
Log interval: hh:mm:ss	00:15:00	00:15:00

Great Lakes Veneer

5 September,2001





OTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

5 September, 2001

STATE OF NEW

Oswego Castings/Grea. .es Veneer 9/06/01

Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
9/06/01	12:00a	50.8	50.8	50.8	52.0	50.7	100	50.8	0.0	2.0	S	0.00	30.394	62.5	48	30
9/06/01	12:30a	50.5	50.5	50.5	50.8	50.4	100	50.5	0.0	1.0	S	0.00	30.393	61.9	48	30
9/06/01	1:00a	51.1	51.1	51.1	51.1	50.5	99	50.8	0.0	2.0	S	0.00	30.399	61.1	48	30
9/06/01	1:30a	50.5	50.5	50.5	51.1	50.5	100	50.5	0.0	2.0	SSE	0.00	30.397	60.5	49	30
9/06/01	2:00a	50.2	50.2	50.2	50.5	50.2	100	50.2	0.0	3.0	S	0.00	30.401	59.7	49	30
9/06/01	2:30a	50.1	50.1	50.1	50.4	50.1	98	49.6	0.0	2.0	S	0.00	30.396	59.1	50	30
9/06/01	3:00a	51.1	51.1	51.1	51.1	50.1	96	50.0	1.0	5.0	S	0.00	30.395	58.5	50	30
9/06/01	3:30a	51.1	51.1	51.1	51.3	51.1	98	50.6	1.0	3.0	S	0.00	30.396	58.1	50	30
9/06/01	4:00a	51.0	51.0	51.0	51.1	51.0	98	50.5	1.0	3.0	S	0.00	30.405	57.6	52	30
9/06/01	4:30a	51.0	51.0	51.0	51.0	50.8	95	49.6	1.0	5.0	SSW	0.00	30.406	57.0	53	30
9/06/01	5:00a	51.0	51.0	51.0	51.1	51.0	96	49.9	1.0	6.0	SSW	0.00	30.406	56.5	54	30
9/06/01	5:30a	50.8	50.8	50.8	51.0	50.7	97	50.0	1.0	5.0	SSW	0.00	30.407	56.3	54	30
9/06/01	6:00a	50.5	50.5	50.5	50.8	50.5	100	50.5	0.0	3.0	SSW	0.00	30.408	56.0	55	30
9/06/01	6:30a	50.2	50.2	50.2	50.5	50.2	100	50.2	0.0	3.0	SSE	0.00	30.413	55.5	55	30
9/06/01	7:00a	50.7	50.7	50.7	50.7	50.2	100	50.7	0.0	3.0	SSW	0.00	30.420	55.4	56	30
9/06/01	7:30a	51.9	51.9	51.9	51.9	50.7	100	51.9	1.0	6.0	SSW	0.00	30.420	55.8	58	30
9/06/01	8:00a	53.9	53.9	53.9	53.9	51.9	98	53.3	1.0	5.0	SSW	0.00	30.422	57.1	59	30
9/06/01	8:30a	57.5	57.1	57.5	57.5	53.9	88	54.0	2.0	6.0	SSW	0.00	30.425	59.6	62	30
9/06/01	9:00a	60.1	58.8	60.1	60.1	57.5	81	54.2	2.0	7.0	SSW	0.00	30.419	62.1	62	30
9/06/01	9:30a	63.1	61.9	63.1	63.1	60.1	78	56.1	2.0	6.0	SSW	0.00	30.414	64.5	61	30
9/06/01	10:00a	65.0	63.5	65.0	65.0	63.1	70	55.0	2.0	6.0	SSW	0.00	30.416	68.0	58	30
9/06/01	10:30a	67.3	66.2	67.3	67.4	65.0	64	54.7	2.0	6.0	SSW	0.00	30.413	70.9	53	30
9/06/01	11:00a	69.3	69.3	69.3	69.4	67.1	63	56.2	2.0	6.0	SSW	0.00	30.404	73.1	51	30
9/06/01	11:30a	70.9	70.9	70.9	71.1	69.4	61	56.8	1.0	6.0	S	0.00	30.393	74.5	50	30
9/06/01	12:00p	72.5	72.3	72.5	72.5	70.6	58	56.9	2.0	7.0	SW	0.00	30.391	75.9	48	30
9/06/01	12:30p	74.6	74.6	74.6	74.9	72.5	53	56.3	1.0	6.0	N	0.00	30.382	77.5	48	30
9/06/01	1:00p	72.5	72.3	72.5	74.6	72.5	58	56.9	2.0	7.0	N	0.00	30.276	78.8	49	30
9/06/01	1:30p	71.8	71.9	71.8	72.5	71.6	63	58.5	2.0	8.0	N	0.00	30.273	79.3	48	30
9/06/01	2:00p	72.3	72.5	72.3	72.3	71.5	63	59.0	3.0	7.0	N	0.00	30.263	80.1	47	30
9/06/01	2:30p	72.8	72.7	72.8	73.3	72.0	58	57.2	2.0	6.0	N	0.00	30.247	81.2	45	30
9/06/01	3:00p	72.3	72.3	72.3	73.0	72.3	60	57.6	2.0	7.0	N	0.00	30.242	83.7	43	30
9/06/01	3:30p	72.5	72.6	72.5	72.5	72.1	61	58.3	2.0	7.0	N	0.00	30.245	93.3	31	30
9/06/01	4:00p	71.6	71.6	71.6	72.7	71.6	61	57.4	2.0	7.0	N	0.00	30.233	97.2	19	30
9/06/01	4:30p	70.9	70.9	70.9	71.8	70.9	64	58.1	3.0	8.0	N	0.00	30.227	97.0	17	30
9/06/01	5:00p	71.1	71.1	71.1	71.3	70.8	66	59.2	3.0	7.0	N	0.00	30.210	90.3	19	30
9/06/01	5:30p	70.8	70.8	70.8	71.1	70.8	64	58.0	2.0	6.0	N	0.00	30.206	89.6	20	30
9/06/01	6:00p	70.1	70.1	70.1	70.8	70.1	68	59.0	3.0	6.0	N	0.00	30.195	85.3	23	30
9/06/01	6:30p	70.3	70.8	70.3	70.4	70.1	73	61.2	2.0	5.0	N	0.00	30.183	80.6	30	30
9/06/01	7:00p	69.4	69.9	69.4	70.3	69.4	73	60.4	1.0	5.0	NNE	0.00	30.179	76.3	34	30
9/06/01	7:30p	66.3	66.3	66.3	69.4	66.3	85	61.7	0.0	2.0	ENE	0.00	30.174	72.6	37	30
9/06/01	8:00p	63.4	63.3	63.4	66.3	63.4	91	60.7	0.0	2.0	S	0.00	30.169	70.4	39	30
9/06/01	8:30p	62.1	62.0	62.1	63.4	62.1	94	60.4	0.0	2.0	S	0.00	30.169	69.0	39	30
9/06/01	9:00p	61.5	61.3	61.5	62.1	61.5	94	59.8	1.0	5.0	S	0.00	30.176	68.9	43	30
9/06/01	9:30p	61.2	61.0	61.2	61.5	61.2	94	59.5	1.0	3.0	S	0.00	30.171	68.7	46	30
9/06/01	10:00p	62.0	61.9	62.0	62.0	61.2	94	60.3	1.0	5.0	S	0.00	30.163	68.4	49	30
9/06/01	10:30p	62.1	62.1	62.1	62.1	61.8	95	60.7	1.0	5.0	S	0.00	30.156	68.2	51	30
9/06/01	11:00p	62.6	62.6	62.6	62.6	62.1	94	60.8	2.0	5.0	S	0.00	30.146	67.9	52	30
9/06/01	11:30p	62.3	61.9	62.3	62.6	62.1	90	59.3	2.0	6.0	S	0.00	30.133	67.5	53	30
9/06/01	12:00p	61.6	61.2	61.6	62.3	61.6	91	58.9	1.0	5.0	SSE	0.00	30.132	67.2	53	30

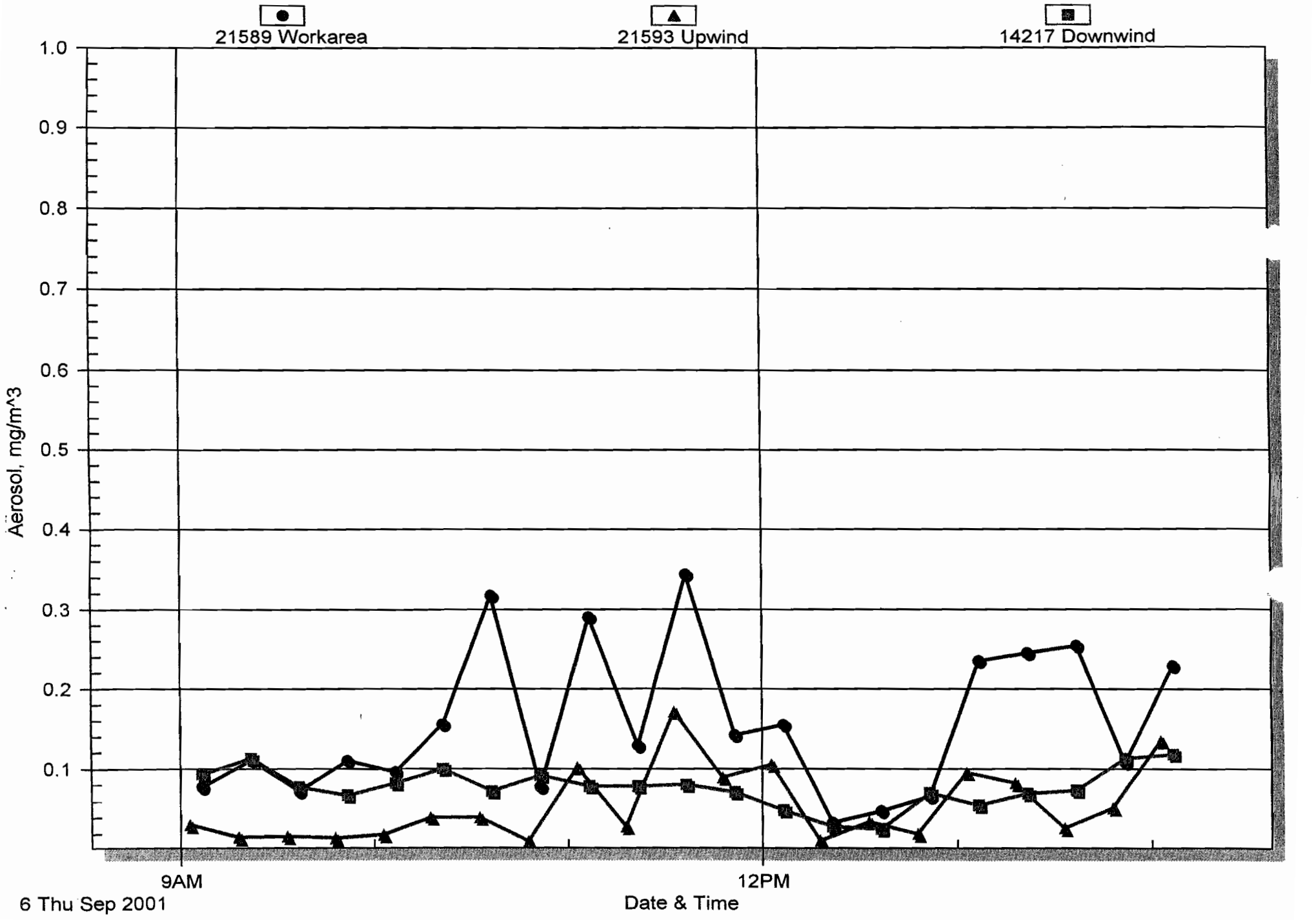
Current Graph: 6 sept.01 OCGLV
Start time: 08:47:52 09/06/2001 Stop time: 14:06:40 09/06/2001

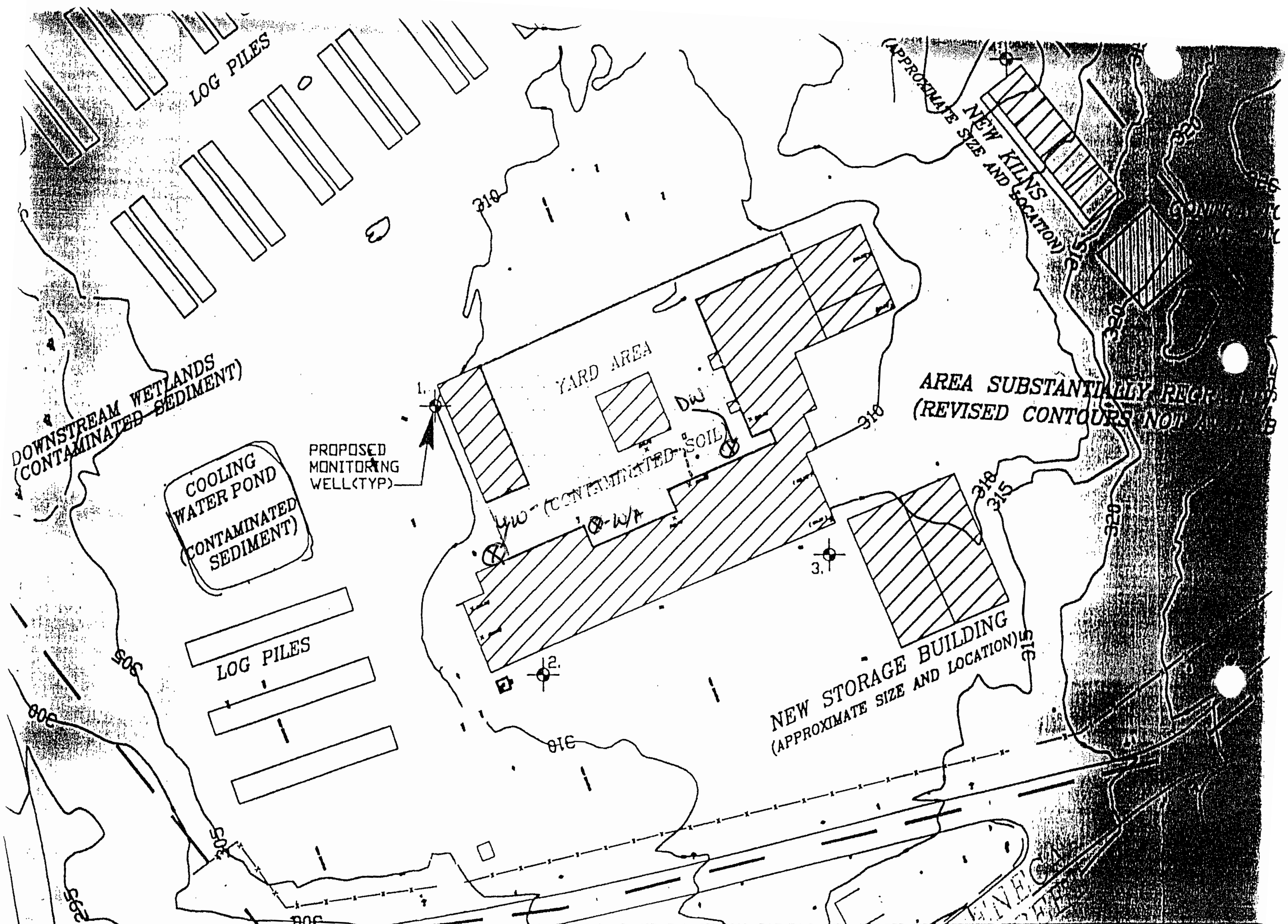
Legend: 21589 Worl 21593 Upw. 14217 Downwind

Channel:	Aerosol	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3	mg/m^3
Average:	0.157	0.054	0.076
Lowest point:	0.034	0.011	0.026
Time	12:21:40	10:47:52	12:36:39
Date	09/06/2001	09/06/2001	09/06/2001
Highest point:	0.344	0.172	0.118
Time	11:36:40	11:32:52	14:06:39
Date	09/06/2001	09/06/2001	09/06/2001
Log interval: hh:mm:ss	00:15:00	00:15:00	00:15:00

Great Lake Veneer

6 September, 2001





NOTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

6 Sept, 2001

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : O'Rourke Incorporated
Site : Oswego Castings/Gr. Lakes Ven.
Project No. : D004283

Date Sampled : 30-AUG-01 - 06-SEP-01 Account No.: 12312
Date Received : 06-SEP-01 Login No. : L74458
Date Analyzed : 10-SEP-01

Total Dust

	Sample ID	Lab ID	Air Vol m3	Total mg	Conc mg/m3
	OCUW30-8D	L74458-1	1.030	0.062	0.060
*	OCDW30-8D	L74458-2	1.020	0.153	0.15
	OCUW6-9D	L74458-3	0.626	0.261	0.42
	OCDW6-9D	L74458-4	0.648	0.208	0.32

COMMENTS: PNOR = Particulates Not Otherwise Regulated.
* Visible particulates on the support pad. Results may be biased low.

Level of quantitation: 0.05 mg
Analytical Method : NIOSH 0500; GRAV
OSHA PEL (TWA) : PNOR 15 mg/m3
Collection Media : PVC PW

Submitted by: tk
Approved by : Oommen Kappil
Date : 12-SEP-01
QC by:
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : O'Rourke Incorporated
Site : Oswego Castings/Gr. Lakes Ven.
Project No. : D004283

Date Sampled : 30-AUG-01 - 06-SEP-01 Account No.: 12312
Date Received : 06-SEP-01 Login No. : L74458
Date Analyzed : 10-SEP-01

Polychlorinated Biphenyls

	Sample ID	Lab ID	Air Vol liter	Front ug	Back ug	Total ug	Conc mg/m3
#	OCUW30	L74458-5	103.0	0.11	<0.05	0.11	0.001
#	OCDW30	L74458-6	102.0	0.18	<0.05	0.18	0.002
	OCUW6	L74458-7	62.6	<0.05	<0.05	<0.05	<0.0008
	OCDW6	L74458-8	64.8	<0.05	<0.05	<0.05	<0.0008

COMMENTS: Total ug corrected for a desorption efficiency of 100%.
Altered Aroclor 1242

Level of quantitation: 0.05 ug
Analytical Method : NIOSH 5503
OSHA PEL (TWA) : 1 mg/m3
Collection Media : Florisil

Submitted by: cmh
Approved by : dkf
Date : 12-SEP-01
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
" -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified

Galson
Laboratories
6601 Kirkville Road
P.O. Box 369
E. Syracuse, NY 13057
Tel: (315) 437-7252 888-577-Labs (5227)
Fax: (315) 437-0571

Request For Industrial Hygiene Analysis

Company Name: O'Rourke Inc.
Site Name: Oswego Castings (Great Lakes Veneer)
Sampled By: Bruce Floyd
Project #: D004283

Send Report to: O'Rourke Inc.
P.O. Box 341
Oswego NY 13827

Invoice to: O'Rourke Inc.
P.O. Box 341
Oswego NY 13827

☐ Purchase order number _____
(or)
☐ Credit Card (type) _____ Card # _____ Exp Date _____
☐ Verbal Authorization _____

☒ Standard Turn-Around Time OR ☐ Rush: Date and Time Requested: __/__/__ am pm
☐ Phone Results to: _____ Phone # ( ) - - ext.
☒ Fax Results to: Bruce Floyd Fax # 315-342-2062
☐ Email Results to: _____

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Requested	Method Reference
OCUW30-8D	30 Aug 01	37mm 5u	1030	TOTAL DUST	N0500
OCUW30	30 Aug 01	florisil tube	103.0	PCB	N5503
OCDW30-8D	30 Aug 01	37mm 5u	1020	TOTAL DUST	N0500
OCDW30	30 Aug 01	florisil tube	102.0	PCB	N5503
OCUW6-9D	6 Sept. 01	37MM 5u	626	TOTAL DUST	N0500
OCUW6	6 Sept 01	florisil tube	62.4	PCB	N5503
OCDW6-9D	6 Sept 01	37mm 5u	648	TOTAL DUST	N0500
OCDW6	6 Sept 01	florisil tube	64.8	PCB	N5503

*For passive monitors please list time exposed in minutes.

Comments (Please list any known interferences present in sampling area): Do not add lab blank.

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by:	Bruce Floyd	Bruce Floyd	6 Sept 01 3:35
Received by LAB.	Nancy Ackerman	Nancy Ackerman	9/6/01 3:40pm

Samples received after 3pm will be considered as next day's business.

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	7 September, 2001
Oswego Castings (G.L.V.)	Oswego NY	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21543	~~DUSTRAK~~ Upwind	~~DUSTRAK~~	8:30	12:55	—	2.0	—	—
600211	Upwind	Sample ID# OCUW7-9D	〃	〃	269	2.0	538	TOTAL DUST
624512	Upwind	〃 〃 # OCUW7	〃	〃	269	.2	53.8	PCB
14217	Down Wind	~~DUSTRAK~~	8:25	1:00	—	2.0	—	~~TOTAL DUST~~ BULK
575826	Down Wind	~~Sample ID#~~ OCDW7-9D	〃	〃	270	2.0	540	~~TOTAL DUST~~
600763	Down Wind	〃 〃 # OCDW7	〃	〃	270	.2	54.0	PCB
21589	Work Area	DUSTRAK	8:35	1:05	—	2.0	—	—

Technicians Name	Bruce Floyd	Date/Time	7Sept 01	Signature	Bruce W. Floyd

Comments

Abscope working in area B along G.L.V. Building dragging & removing dirt. G.L.V. Heavy Equip also working in that area kicking up more dust than the work being done by Abscope.

Windy clear Blue Sky & mid 60's (morning)

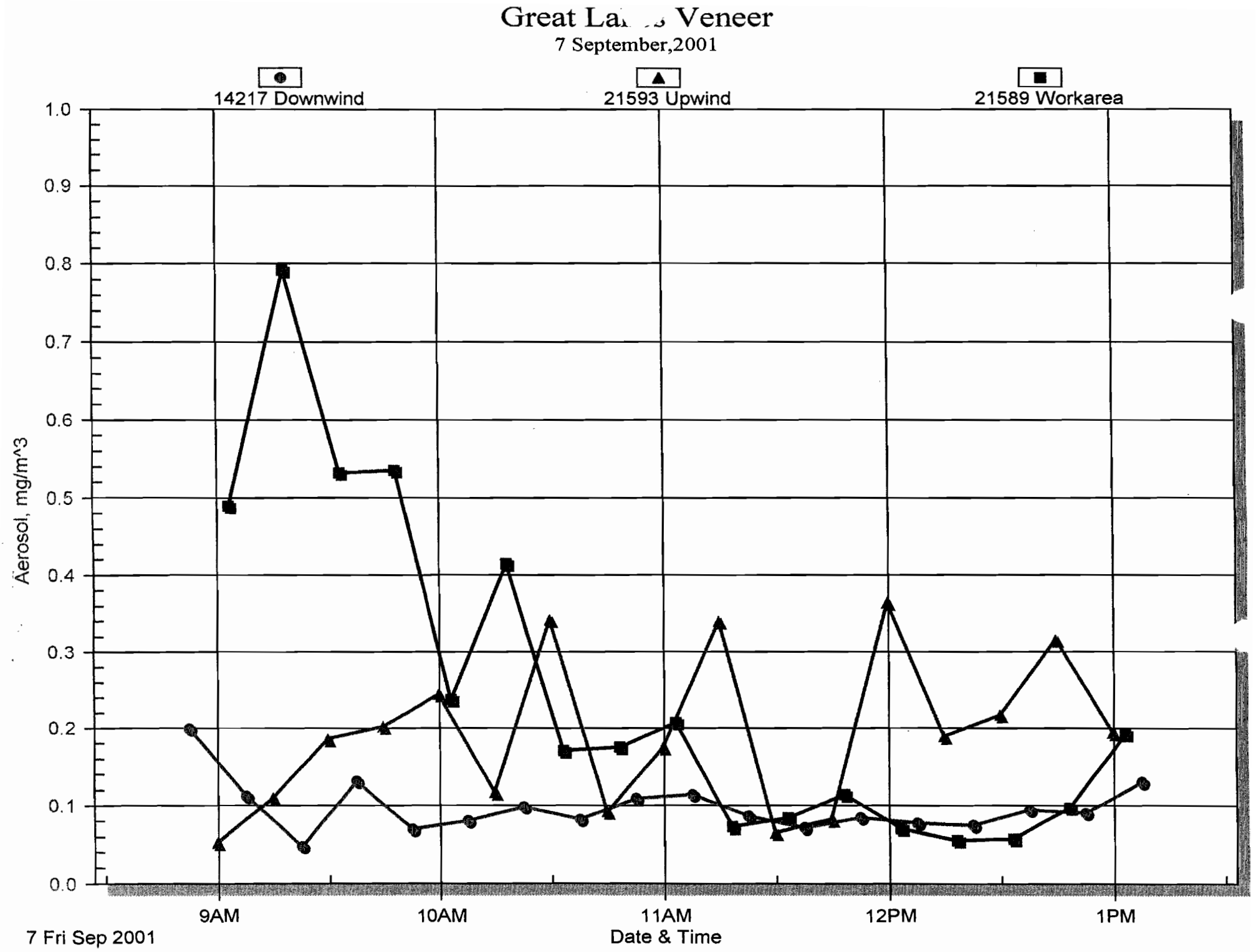
Oswego Castings/Grea tes Veneer 9/07/01

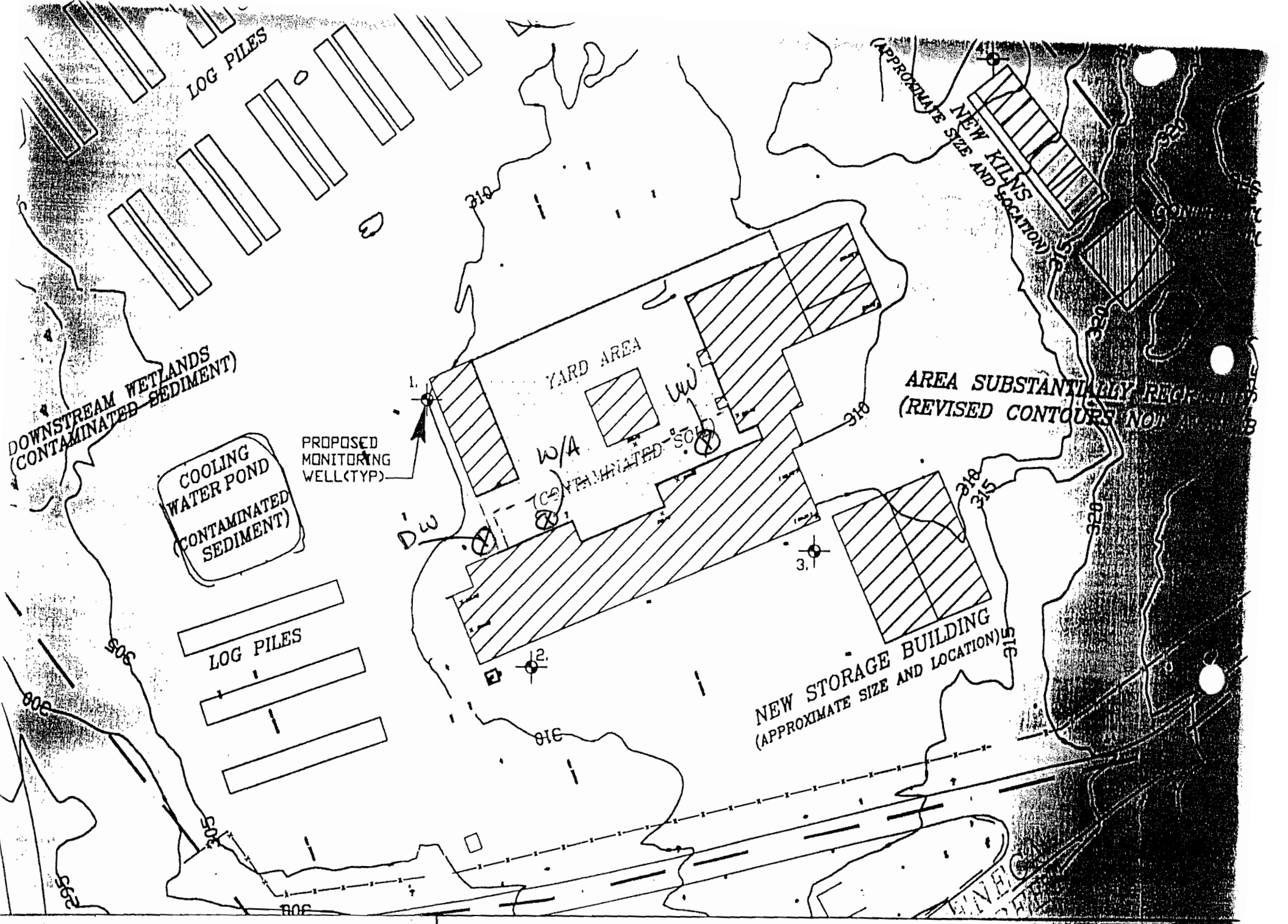
Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
9/07/01	12:00a	61.6	61.2	61.6	62.3	61.6	91	58.9	1.0	5.0	SSE	0.00	30.132	67.2	53	30
9/07/01	12:30a	61.8	61.6	61.8	61.8	61.5	93	59.8	2.0	6.0	S	0.00	30.126	66.9	55	30
9/07/01	1:00a	61.5	61.5	61.5	61.8	61.5	96	60.3	2.0	6.0	S	0.00	30.125	66.6	56	30
9/07/01	1:30a	61.3	60.9	61.3	61.5	61.2	92	59.0	2.0	6.0	S	0.00	30.117	66.2	57	30
9/07/01	2:00a	61.0	60.3	61.0	61.3	60.9	88	57.4	3.0	7.0	S	0.00	30.109	65.9	57	30
9/07/01	2:30a	60.9	60.0	60.9	61.2	60.9	86	56.7	2.0	6.0	S	0.00	30.105	65.6	57	30
9/07/01	3:00a	61.6	60.7	61.6	61.8	60.9	84	56.7	3.0	16.0	S	0.00	30.101	65.3	57	30
9/07/01	3:30a	61.8	61.0	61.8	61.8	61.5	85	57.2	3.0	10.0	SSW	0.00	30.100	65.1	56	30
9/07/01	4:00a	62.4	61.2	62.4	62.4	61.8	79	55.8	3.0	8.0	SSW	0.00	30.102	64.9	56	30
9/07/01	4:30a	61.3	60.2	61.3	62.4	61.3	82	55.8	4.0	11.0	SSW	0.00	30.105	64.8	57	30
9/07/01	5:00a	60.7	59.9	60.7	61.3	60.7	88	57.1	2.0	6.0	SSW	0.00	30.101	64.5	57	30
9/07/01	5:30a	59.5	59.1	59.5	60.7	59.5	95	58.1	2.0	6.0	S	0.00	30.106	64.1	58	30
9/07/01	6:00a	58.7	58.4	58.7	59.5	58.7	97	57.9	2.0	6.0	S	0.00	30.107	63.8	59	30
9/07/01	6:30a	58.9	58.6	58.9	59.0	58.7	97	58.1	3.0	8.0	S	0.00	30.102	63.5	60	30
9/07/01	7:00a	58.7	58.4	58.7	58.9	58.6	98	58.1	3.0	10.0	S	0.00	30.100	63.3	61	30
9/07/01	7:30a	59.6	59.0	59.6	59.6	58.7	92	57.3	3.0	8.0	S	0.00	30.103	64.0	64	30
9/07/01	8:00a	61.2	60.7	61.2	61.2	59.6	91	58.6	3.0	8.0	S	0.00	30.101	64.6	69	30
9/07/01	8:30a	64.0	63.5	64.0	64.0	61.2	85	59.4	3.0	10.0	S	0.00	30.097	66.4	68	30
9/07/01	9:00a	66.4	66.1	66.4	66.4	64.0	81	60.4	4.0	12.0	S	0.00	30.096	68.5	65	30
9/07/01	9:30a	69.1	69.3	69.1	69.1	66.6	71	59.3	4.0	11.0	SSW	0.00	30.093	71.1	60	30
9/07/01	10:00a	71.3	71.4	70.3	71.3	69.1	65	58.9	5.0	12.0	SSW	0.00	30.084	73.0	55	30
9/07/01	10:30a	72.8	73.0	71.9	73.0	71.5	62	59.0	5.0	14.0	SSW	0.00	30.075	73.8	54	30
9/07/01	11:00a	74.7	74.7	74.7	74.7	72.7	60	59.9	4.0	11.0	SSW	0.00	30.068	74.7	54	30
9/07/01	11:30a	76.8	76.8	76.8	76.8	74.7	59	61.4	3.0	11.0	SSW	0.00	30.067	75.2	54	30
9/07/01	12:00p	78.3	79.0	78.3	78.3	76.8	56	61.3	4.0	11.0	SSW	0.00	30.066	76.4	53	30
9/07/01	12:30p	80.1	80.5	80.1	80.1	78.3	52	60.9	4.0	10.0	SSW	0.00	30.061	77.0	53	30
9/07/01	1:00p	81.6	82.6	81.6	81.6	79.9	50	61.2	4.0	12.0	SSW	0.00	30.060	78.2	53	30
9/07/01	1:30p	82.6	84.1	82.6	82.6	81.1	49	61.5	3.0	10.0	SW	0.00	30.054	79.2	53	30

Current Graph: 7 Sept,01ocglv
Start time: 08:37:27 09/07/2001 Stop time: 13:07:27 09/07/2001

Legend: 14217 Dowi 21593 Upw. 21589 Workarea

Channel:	Aerosol	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3	mg/m^3
Average:	0.097	0.193	0.253
Lowest point:	0.047	0.052	0.055
Time	09:22:27	08:59:39	12:18:07
Date	09/07/2001	09/07/2001	09/07/2001
Highest point:	0.199	0.364	0.792
Time	08:52:27	11:59:39	09:18:07
Date	09/07/2001	09/07/2001	09/07/2001
Log interval: hh:mm:ss	00:15:00	00:15:00	00:15:00


Great La[illegible] Veneer
7 September,2001
14217 Downwind
21593 Upwind
21589 Workarea
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Aerosol, mg/m^3
9AM
10AM
11AM
12PM
1PM
Date & Time
7 Fri Sep 2001



OTES:

THE CASING FOR WELL I SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

7 September, 2001

Air Monitoring Data Sheet

Revised September 1996

Project Name	Project Location	Sampling Date	11 September, 2001
Oswego Castings (Great Lake Inner)	Oswego New York	Contract Number	D004283

Pump ID No.	Sample Location	Employee	Start Time	End Time	Duration (min)	Flow Rate (l/min)	Air Volume (l)	Analysis Required
21593	Upwind	Dustrax	1:30	3:20	1:22	2.0	—	—
60021	" "	Sample ID #	↓	↓	↓	2.0	244	TOTAL DUS.
624512	" "	Sample ID #	↓	↓	↓	.2	24.4	PCB
14217	Down Wind	DUSTRAX	↓	↓	1:10	2.0	—	—
575876	" "	Sample ID #	↓	↓	↓	2.0	220	TOTAL DUST
600763	" "	Sample ID #	↓	↓	↓	.2	22.0	PCB
21589	Work Area	Dustrax	↓	↓	—	2.0	—	—
NOTHING FOLLOWS								

Technicians Name	Bruce Floyd	Date/Time	11/9/01 2:00pm	Signature	Bruce W. Floyd

Comments

* Weather – Beautiful day, clear sky's. On hold w/ [illegible] for [illegible] will be digging area next to debarker and filling w/ semi contaminated soil. Everybody a bit jittery over New York and Pentagon happening's.

O'Rourke Incorporated

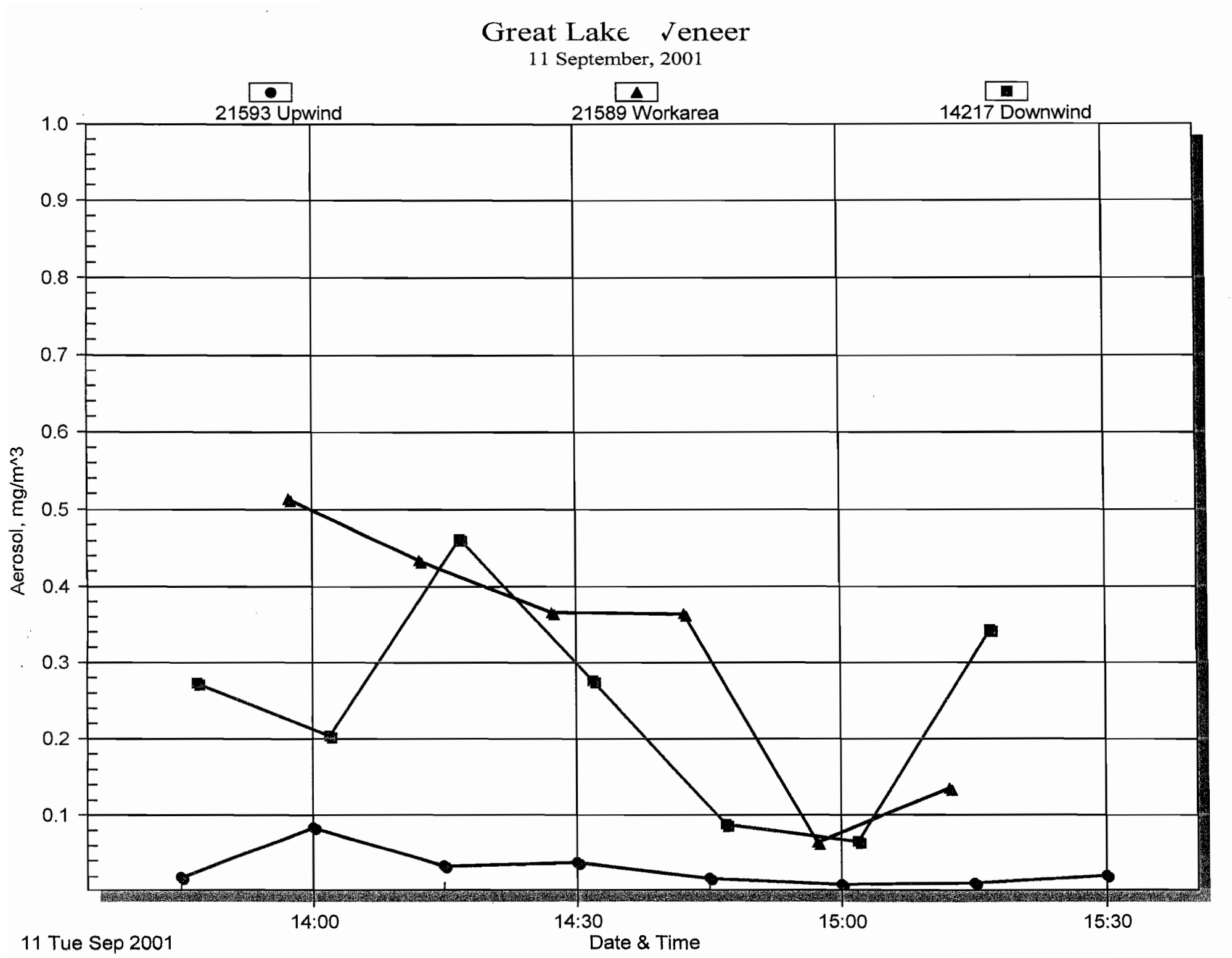
Oswego Castings/Great s Veneer 9/10/01

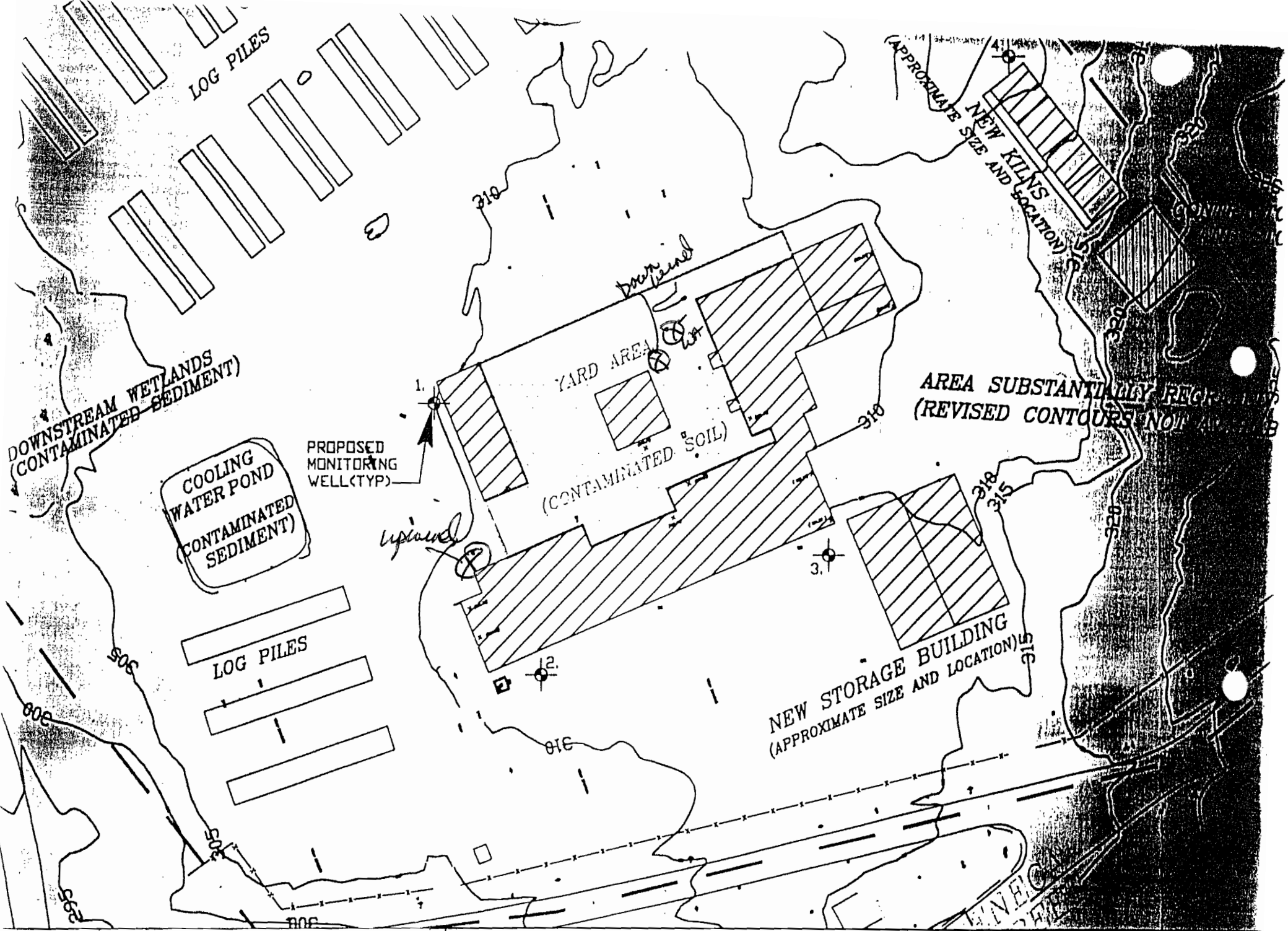
Date	Time	Temp Out	Heat Index	Wind Chill	Hi Temp	Low Temp	Hum Out	Dew Pt.	Wind Speed	Hi	Dir	Rain	Bar	Temp In	Hum In	Arc Per
9/10/01	12:00a	72.3	73.4	72.3	73.2	72.3	74	63.5	4.0	11.0	S	0.00	30.043	70.7	40	30
9/10/01	12:30a	71.3	72.4	71.3	72.3	71.3	76	63.3	3.0	8.0	S	0.00	30.038	71.1	41	30
9/10/01	1:00a	71.3	72.3	71.3	71.5	71.3	75	63.0	3.0	11.0	S	0.00	30.032	71.1	41	30
9/10/01	1:30a	70.9	72.0	70.9	71.3	70.8	76	63.0	3.0	12.0	S	0.00	30.028	71.2	41	30
9/10/01	2:00a	70.9	72.3	70.9	71.1	70.9	78	63.7	3.0	10.0	S	0.00	30.032	71.2	41	30
9/10/01	2:30a	70.6	72.4	70.6	71.1	70.6	81	64.5	3.0	12.0	S	0.00	30.029	71.1	41	30
9/10/01	3:00a	71.3	73.1	71.3	71.3	70.6	81	65.2	4.0	12.0	S	0.00	30.013	70.1	41	30
9/10/01	3:30a	71.3	73.1	70.3	71.5	71.3	82	65.5	5.0	12.0	SSW	0.00	30.011	70.2	41	30
9/10/01	4:00a	71.1	72.9	71.1	71.3	70.9	85	66.4	4.0	14.0	SSW	0.00	30.010	70.4	41	30
9/10/01	4:30a	70.6	72.4	70.6	71.1	70.6	87	66.5	4.0	12.0	S	0.00	30.006	70.4	42	30
9/10/01	5:00a	70.9	72.7	70.9	70.9	70.6	87	66.8	4.0	11.0	S	0.00	30.003	70.6	42	30
9/10/01	5:30a	70.9	72.7	70.9	70.9	70.8	87	66.8	4.0	11.0	S	0.00	29.997	70.6	42	30
9/10/01	6:00a	70.9	72.7	69.9	71.3	70.9	86	66.5	5.0	12.0	S	0.00	29.993	70.6	42	30
9/10/01	6:30a	70.8	72.6	69.8	70.9	70.8	87	66.7	5.0	12.0	S	0.00	29.990	70.7	43	30
9/10/01	7:00a	70.8	72.6	70.8	70.9	70.8	89	67.4	4.0	13.0	S	0.00	30.001	70.9	42	30
9/10/01	7:30a	71.5	73.3	71.5	71.5	70.8	87	67.4	4.0	11.0	SSW	0.00	30.007	71.6	50	30
9/10/01	8:00a	72.3	74.1	72.3	72.3	71.5	86	67.9	4.0	13.0	SW	0.00	30.009	71.4	53	30
9/10/01	8:30a	73.3	75.2	73.3	73.3	72.3	88	69.5	3.0	11.0	SW	0.00	30.022	71.4	52	30
9/10/01	9:00a	73.0	74.8	73.0	73.5	73.0	90	69.9	3.0	10.0	WSW	0.00	30.047	71.4	52	30
9/10/01	9:30a	70.9	72.7	70.9	73.0	70.9	82	65.1	2.0	10.0	E	0.00	30.066	71.8	52	30
9/10/01	10:00a	67.9	69.6	67.9	70.9	67.8	89	64.5	4.0	17.0	WNW	0.00	30.081	71.1	54	30
9/10/01	10:30a	66.4	67.5	62.2	68.4	66.4	97	65.5	8.0	19.0	WNW	0.00	30.096	70.6	53	30
9/10/01	11:00a	65.3	66.3	65.3	66.4	65.2	100	65.3	2.0	10.0	W	0.06	30.087	71.1	57	30
9/10/01	11:30a	65.5	66.6	65.5	65.5	65.2	100	65.5	0.0	3.0	WSW	0.00	30.086	70.7	54	30
9/10/01	12:00p	66.1	67.3	66.1	66.1	65.5	100	66.1	1.0	3.0	SW	0.00	30.100	71.4	57	30
9/10/01	12:30p	67.4	69.0	67.4	67.4	66.1	100	67.4	1.0	7.0	SSW	0.00	30.102	71.4	55	30
9/10/01	1:00p	68.9	71.5	68.9	68.9	67.4	99	68.6	2.0	7.0	SW	0.00	30.103	73.0	55	30
9/10/01	1:30p	70.3	73.2	70.3	70.3	68.9	96	69.1	2.0	8.0	WSW	0.00	30.106	73.3	55	30
9/10/01	2:00p	69.8	71.6	66.9	70.3	69.4	87	65.8	7.0	17.0	WNW	0.00	30.118	73.5	53	30
9/10/01	2:30p	69.6	71.4	67.5	69.9	69.6	82	63.9	6.0	17.0	WNW	0.00	30.120	73.5	50	30
9/10/01	3:00p	70.4	71.3	66.2	70.4	69.6	75	62.1	9.0	20.0	WNW	0.00	30.122	74.9	47	30
9/10/01	3:30p	71.6	71.8	68.3	71.6	70.4	70	61.3	8.0	19.0	WNW	0.00	30.122	78.6	40	30
9/10/01	4:00p	71.1	71.8	68.4	72.3	70.9	74	62.4	7.0	16.0	WNW	0.00	30.120	87.7	31	30
9/10/01	4:30p	72.1	72.9	70.3	72.3	71.1	72	62.6	6.0	14.0	WNW	0.00	30.117	87.5	32	30

Current Graph: 11 Sept,01 ocglv
Start time: 13:29:59 09/11/2001 Stop time: 15:29:59 09/11/2001

Legend: 21593 Upw 21589 Wor 14217 Downwind

Channel: (Units)	Aerosol mg/m^3	Aerosol mg/m^3	Aerosol mg/m^3
Average:	0.030	0.313	0.245
Lowest point:	0.010	0.065	0.066
Time	14:59:59	14:57:13	15:01:55
Date	09/11/2001	09/11/2001	09/11/2001
Highest point:	0.084	0.514	0.462
Time	13:59:59	13:57:13	14:16:55
Date	09/11/2001	09/11/2001	09/11/2001
Log interval: hh:mm:ss	00:15:00	00:15:00	00:15:00


Great Lake Veneer
11 September, 2001
21593 Upwind
21589 Workarea
14217 Downwind
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
Aerosol, mg/m^3
14:00
14:30
15:00
15:30
11 Tue Sep 2001
Date & Time



OTES:

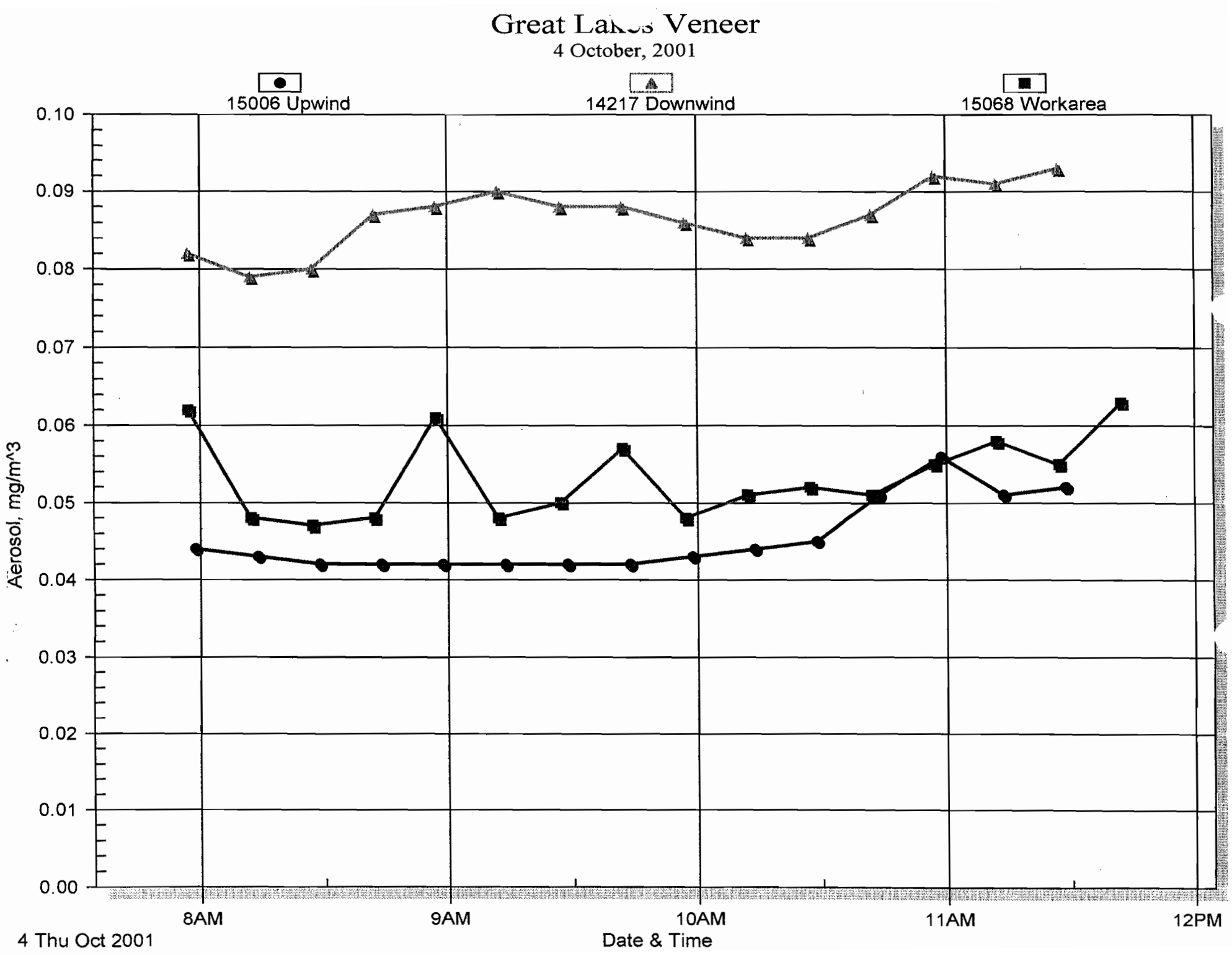
THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

11 Sept. 01

Current Graph: 4 Oct, 01 OSGLV
Start time: 07:42:03 10/04/2001 Stop time: 11:42:08 10/04/2001

Legend: 15006 Upw. 14217 Dowl 15068 Workarea

Channel: (Units)	Aerosol mg/m^3	Aerosol mg/m^3	Aerosol mg/m^3
Average:	0.045	0.087	0.053
Lowest point:	0.042	0.079	0.047
Time	08:28:47	08:12:03	08:27:08
Date	10/04/2001	10/04/2001	10/04/2001
Highest point:	0.056	0.093	0.063
Time	10:58:47	11:27:03	11:42:08
Date	10/04/2001	10/04/2001	10/04/2001
Log interval: hh:mm:ss	00:15:00	00:15:00	00:15:00


Great Lakes Veneer
4 October, 2001
15006 Upwind
14217 Downwind
15068 Workarea
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
Aerosol, mg/m^3
8AM
9AM
10AM
11AM
12PM
4 Thu Oct 2001
Date & Time

Client:	**Sampling Data Sheet / Chain of Custody**	O'Rourke Incorporated 23 Lake Street PO Box 341 Owego, New York 13827 Phone: 607-687-1234 Fax: 607-687-7445
Abscape		

Project Name: Great Lakes Veneer	Project Supervisor:	Sampling Date: October 8, 2001
Project Number:	Fax Results to #	Due Date:
Project Location: Oswego, NY	Submit all Final Reports and Invoices to O'Rourke Inc.	Client #

	Field Sample #	Lab ID #	Start Time	End Time	Total Time (min)	Flow Rate (l/min)	Total Volume	Sample Description or Employee Name/ Social Security #	Number of Containers	Analysis Requested 1	2	3	4	5	6
Total Dust	Upwind		7:30	2:30	~~480~~ 420	2.0	840	Upwind	1						
PCB	Upwind		7:30	2:30	420	0.5	210	Upwind	1						
Total D.	Downwind		7:32	2:32	420	2.0	840	Downwind	1						
PCB	Downwind		7:32	2:32	420	0.5	210	Downwind	1						

	Analysis Requested	Method
1		
2		
3		
4		
5		
6		

Field Notes:

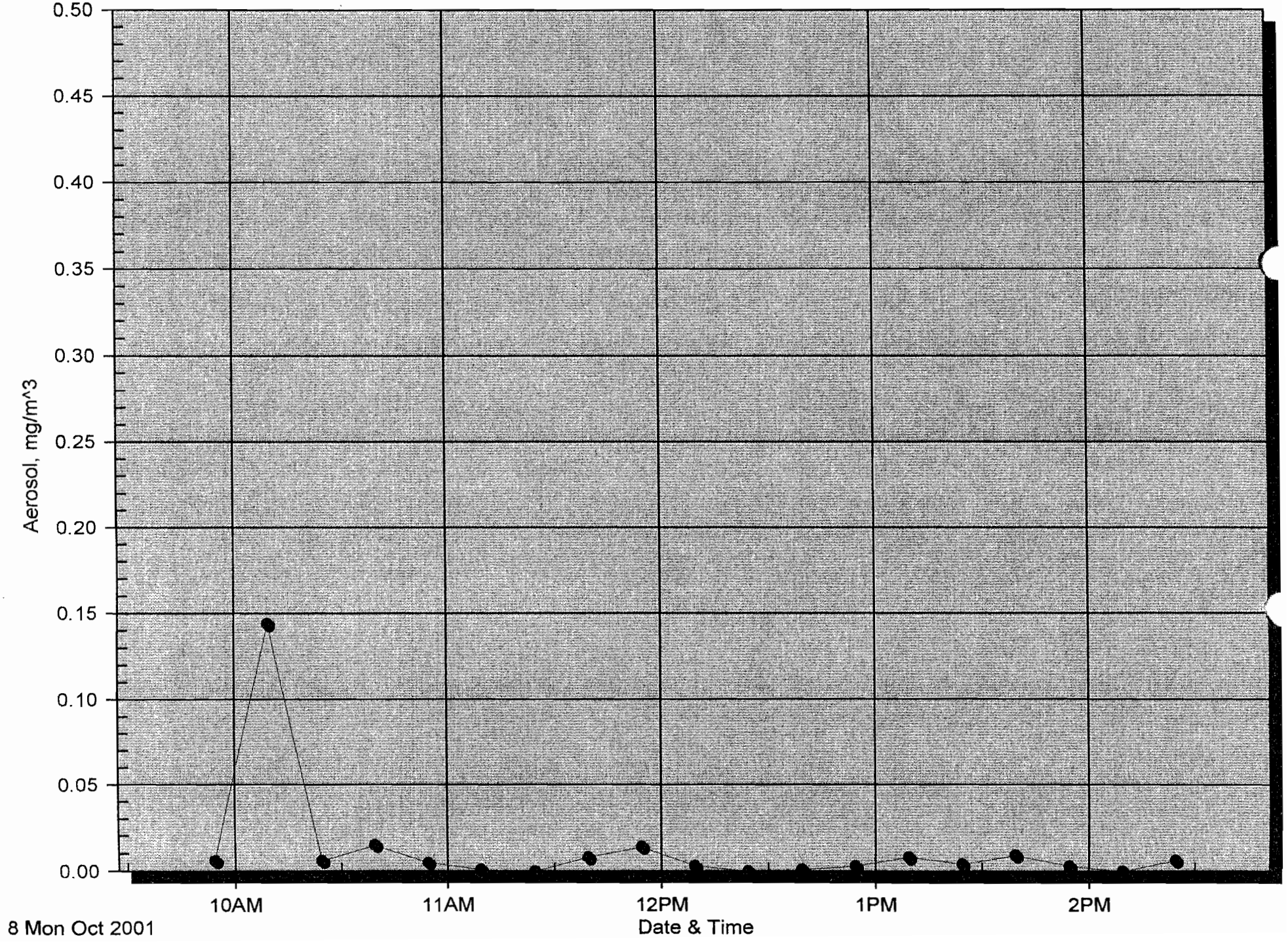
Technicians Name: Ashley Coleman

Relinquished By: Date/Time

Received By: Date/Time

Great Lak[illegible] Veneer

8 October, 2001 Work area



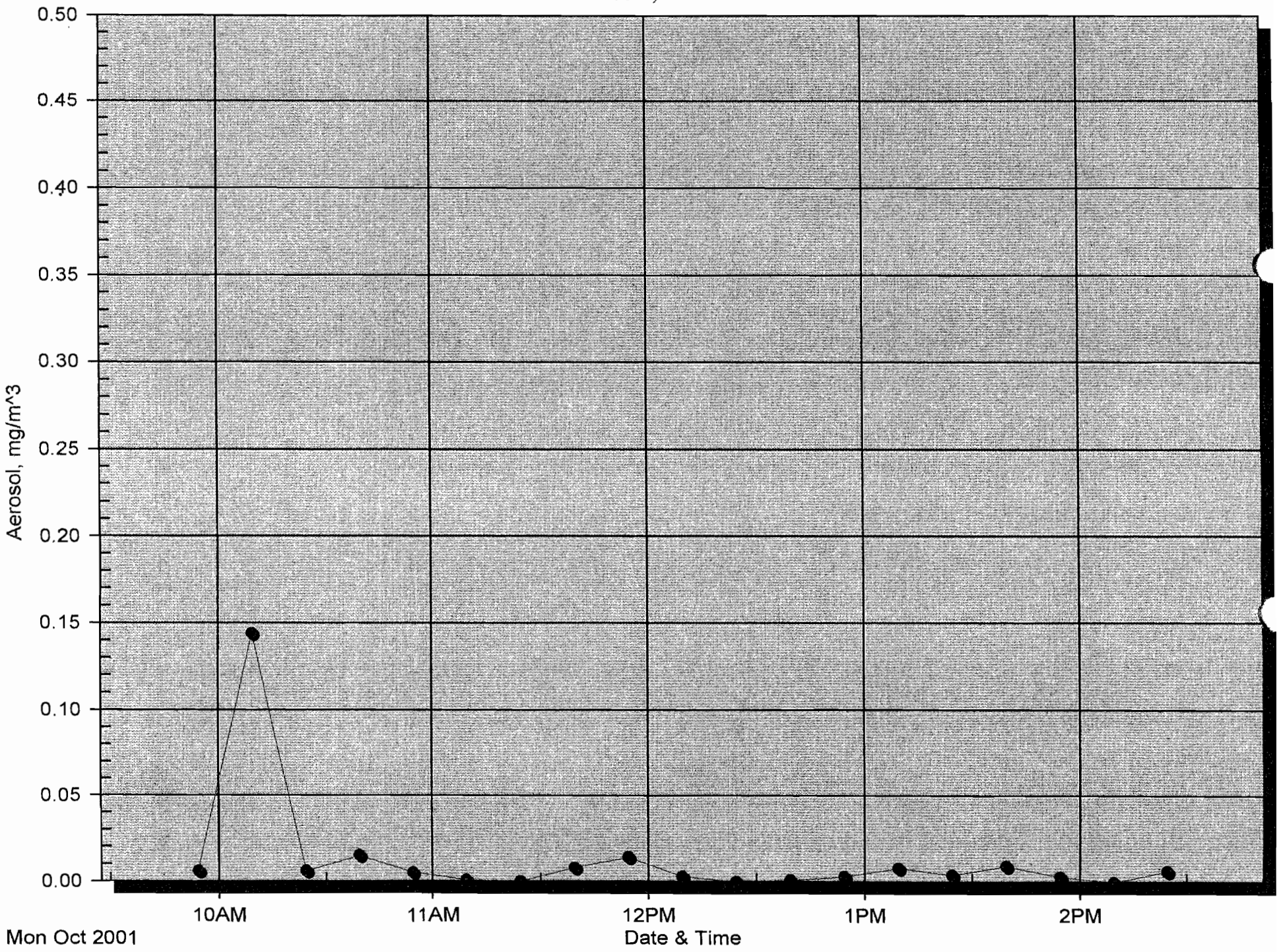
8 Mon Oct 2001

Down wind

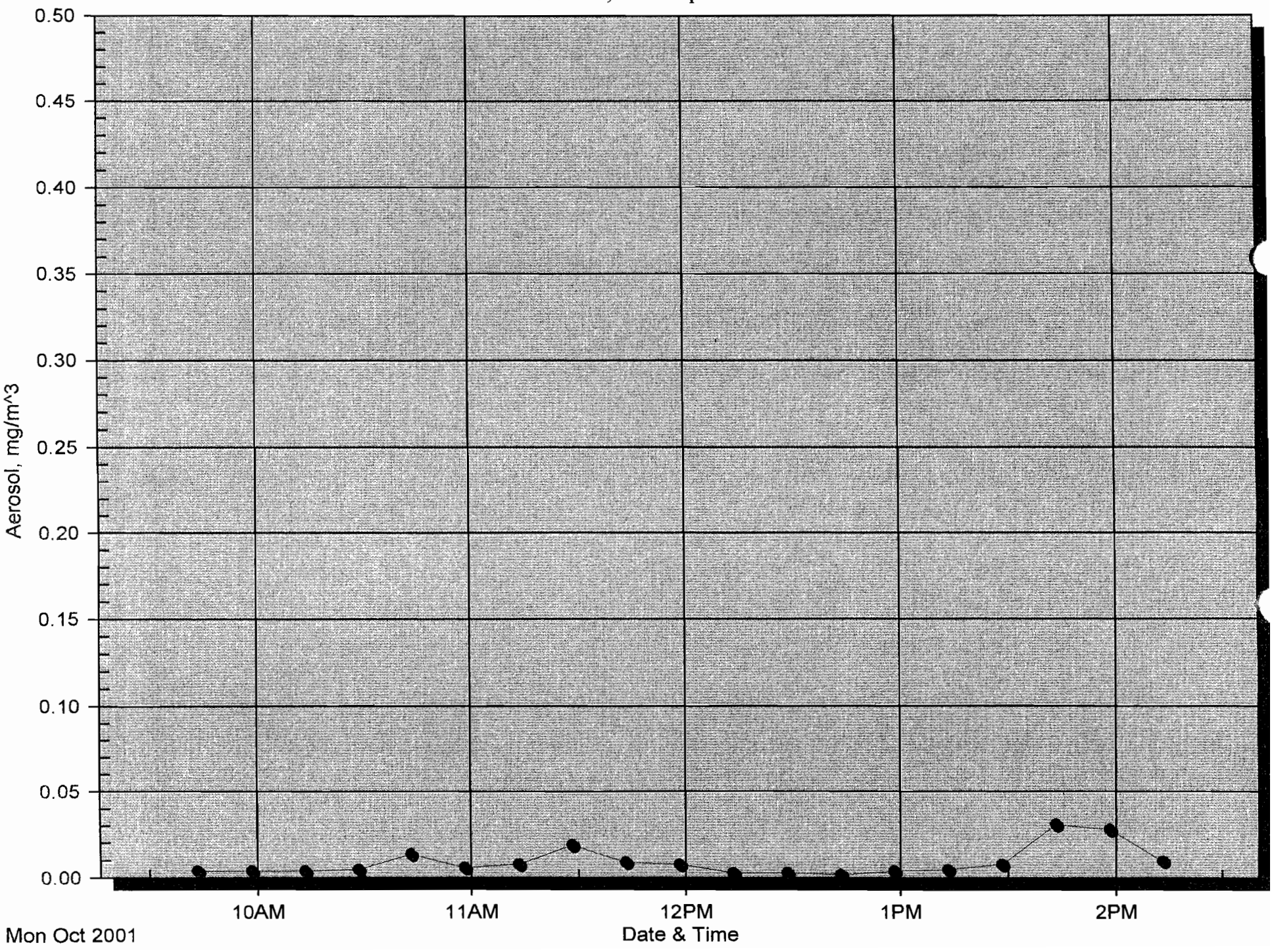
Great Lakes Veneer

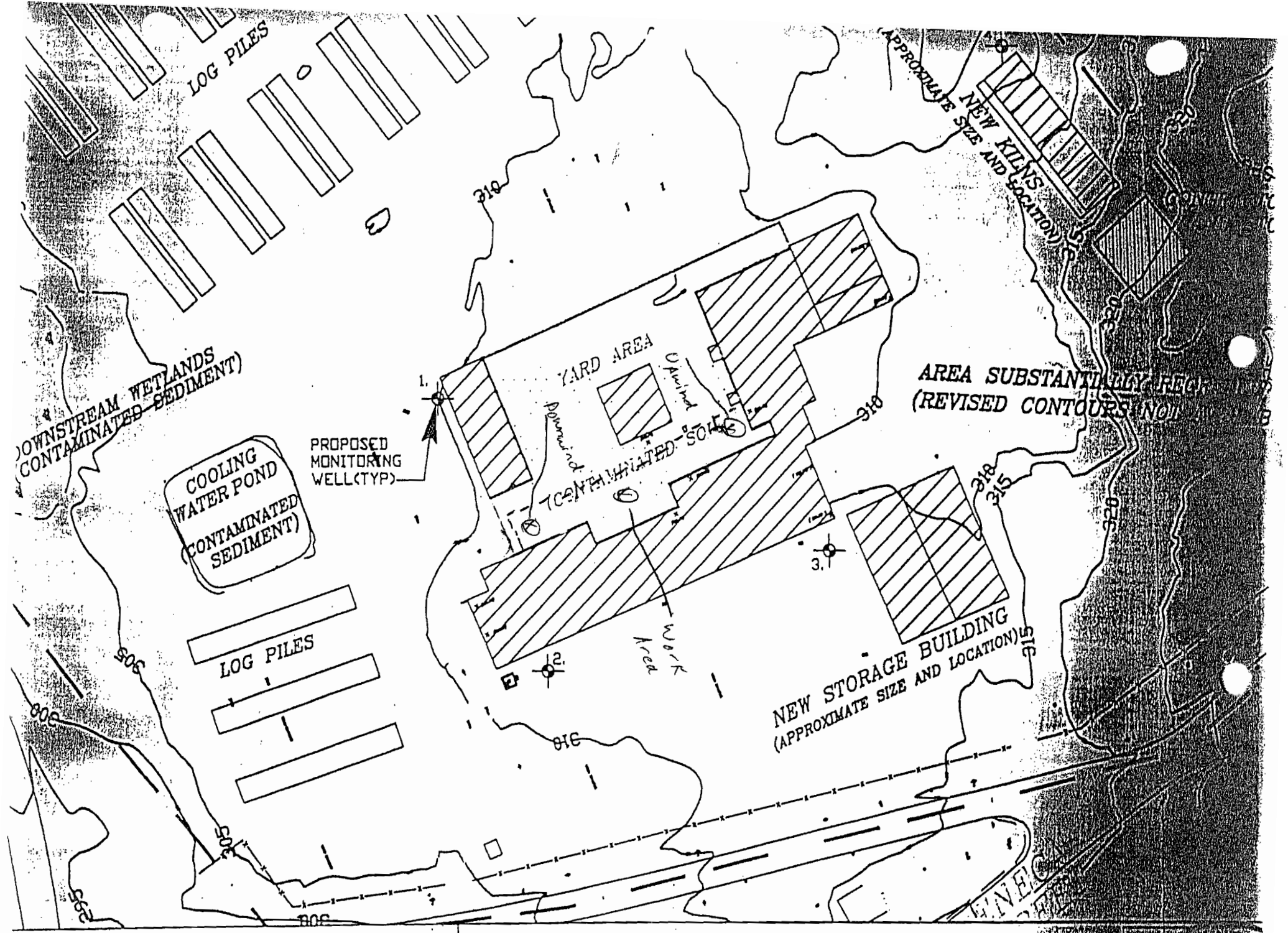
8 October, 2001

Serial # 14217



8 Mon Oct 2001


Great Lakes Veneer
8 October, 2001 Upwind
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Aerosol, mg/m^3
10AM
11AM
12PM
1PM
2PM
Date & Time
8 Mon Oct 2001



NOTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

October 8, 2001

Client:	**Sampling Data Sheet / Chain of Custody**	O'Rourke Incorporated
Adscope		23 Lake Street PO Box 341
		Owego, New York 13827
		Phone: 607-687-1234 Fax: 607-687-7445

Project Name: Oswego Castings G.L.U.	Project Supervisor:	Sampling Date: 10/9/01
Project Number:	Fax Results to #	Due Date:
Project Location: Oswego, NY	Submit all Final Reports and Invoices to O'Rourke Inc.	Client #

	Field Sample #	Lab ID #	Start Time	End Time	Total Time (min)	Flow Rate (l/min)	Total Volume	Sample Description or Employee Name/ Social Security #	Number of Containers	Analysis Requested 1	2	3	4	5	6
Total Dust	Upwind		9:01	3:14	373	2.0	746	Upwind	1						
PCB	Upwind		9:01	3:14	373	0.5	186.5	Upwind	1						
Total D.	Downwind		9:03	3:16	373	2.0	746	Downwind	1						
PCB	Downwind		9:03	3:16	373	0.5	186.5	Downwind	1						

	Analysis Requested	Method
1		
2		
3		
4		
5		
6		

Field Notes:

Technicians Name: Ashley Coleman

Relinquished By: Date/Time

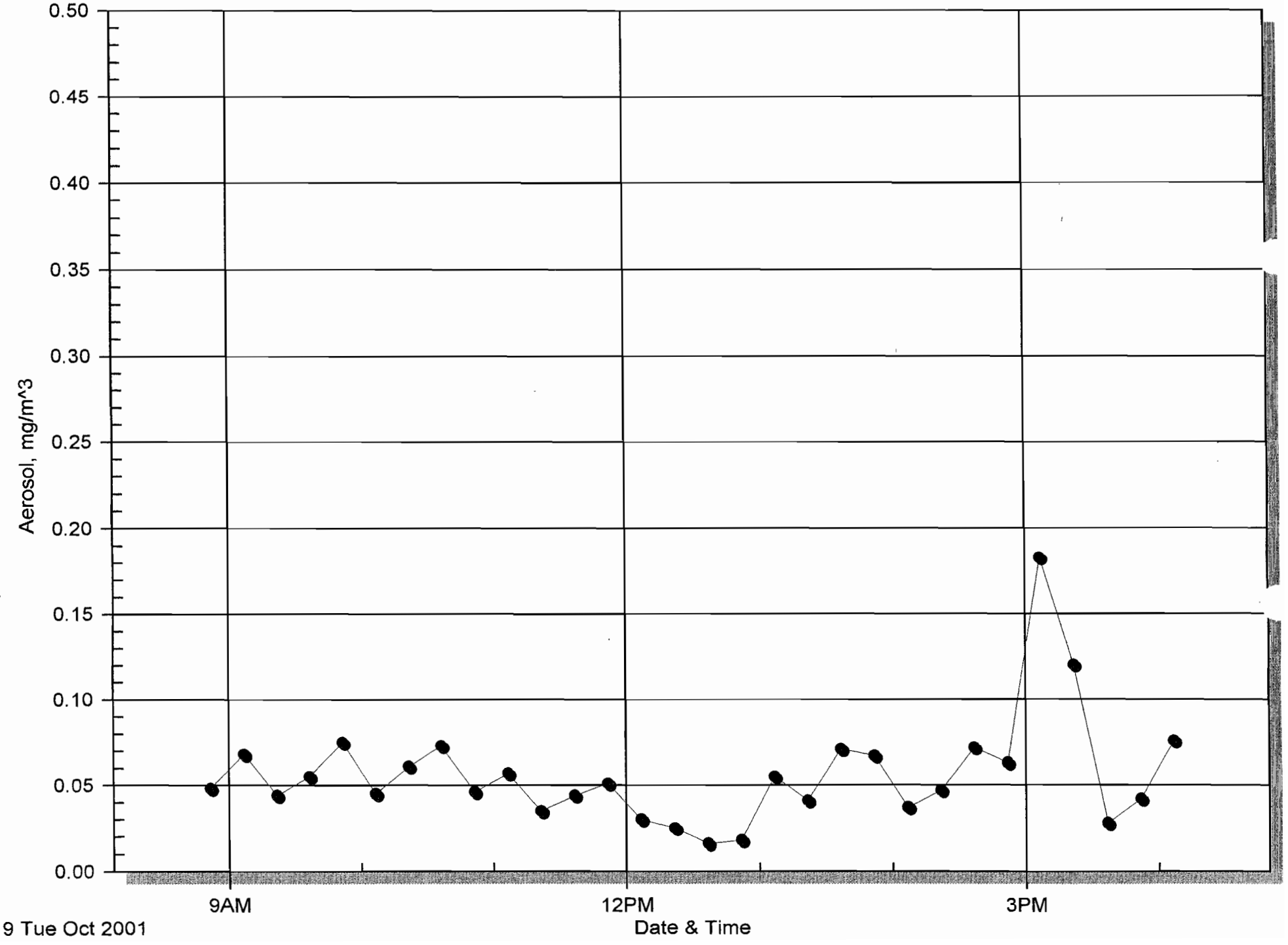
Received By: Date/Time

Down wind
~~Work Area~~

Great Lak.. Veneer

9 October, 2001

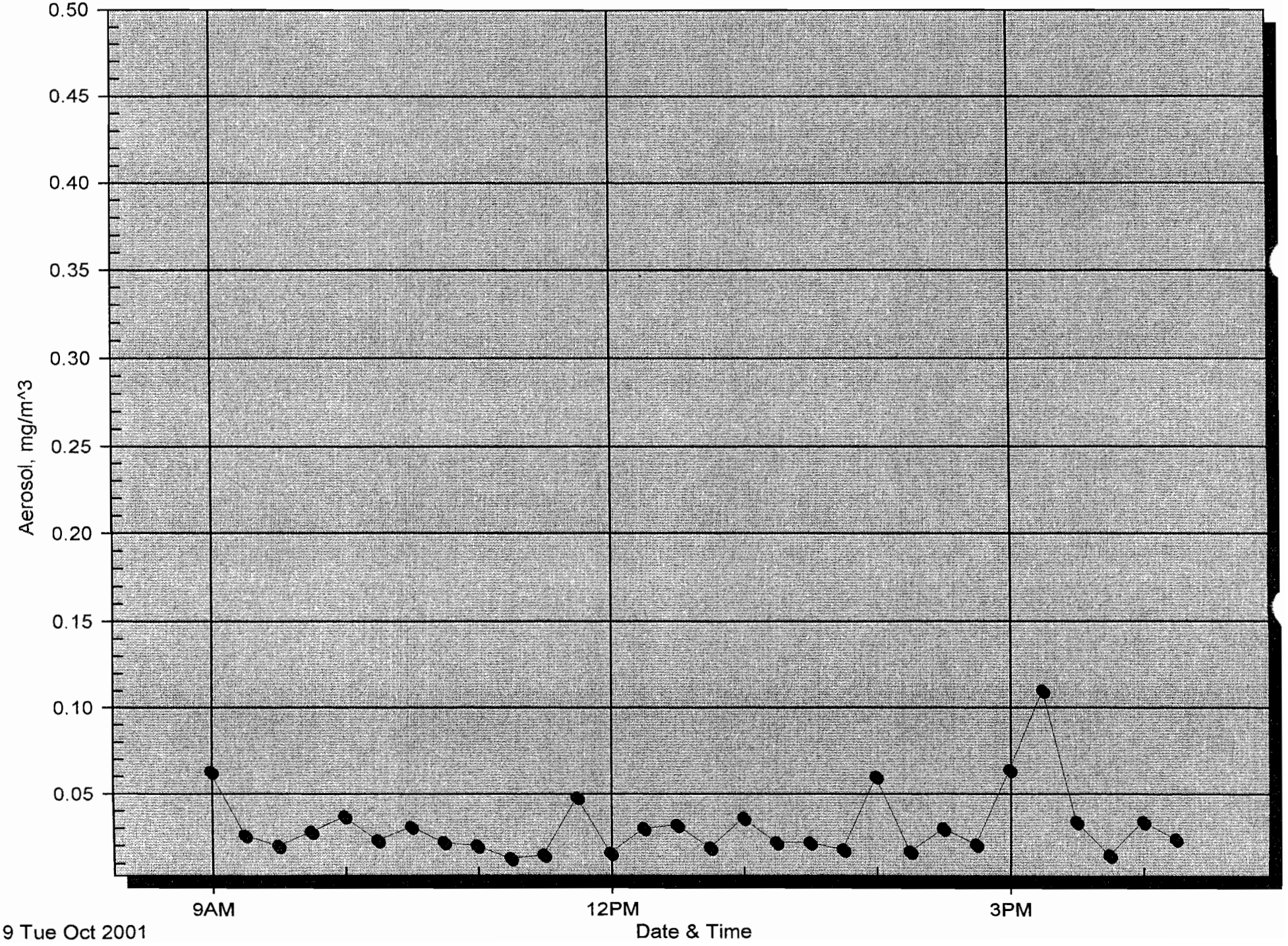
Serial # 14217



9 Tue Oct 2001

Great Lak Veneer

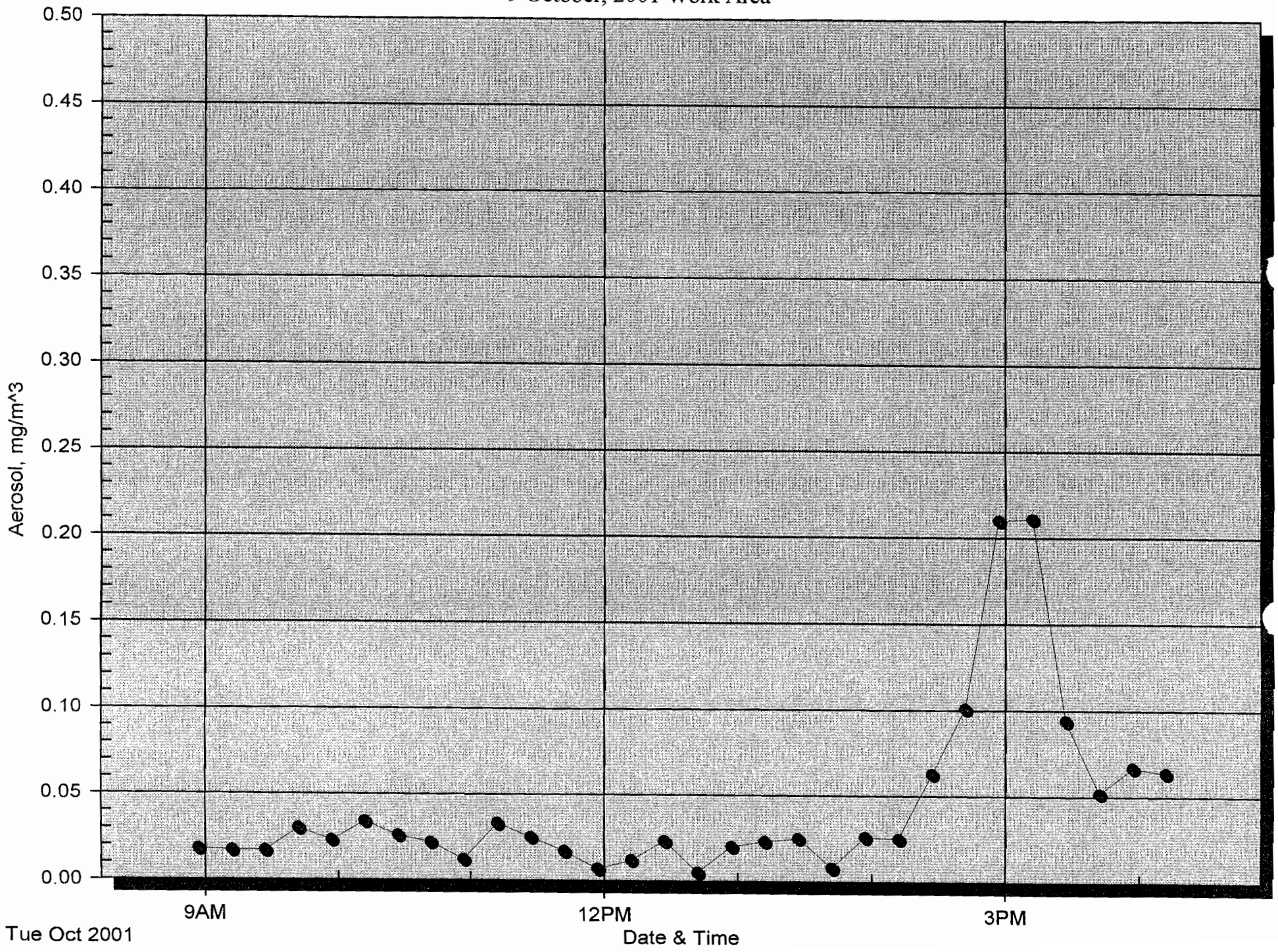
9 October, 2001 Upwind

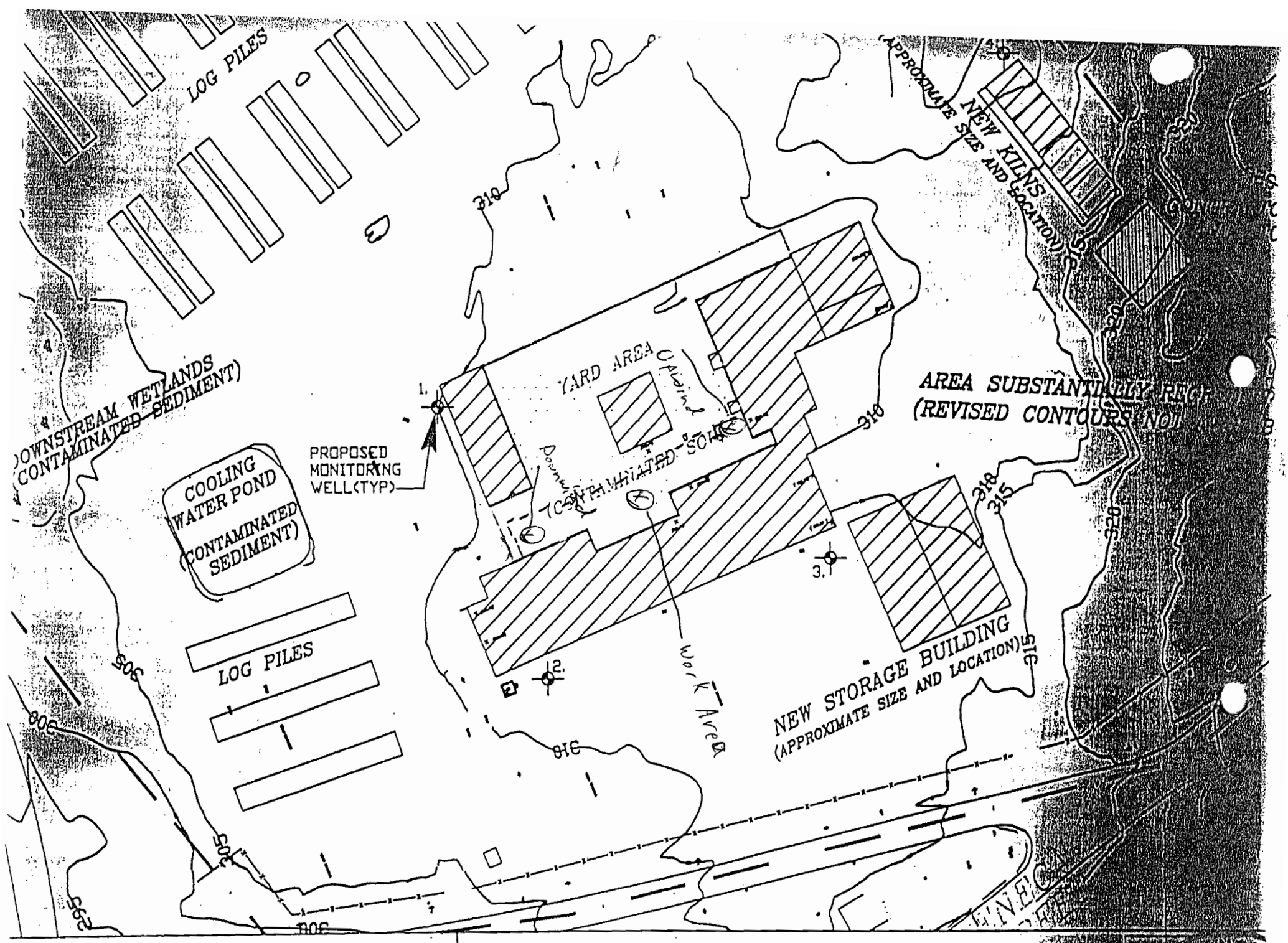


9 Tue Oct 2001

Great Lak.. Veneer

9 October, 2001 Work Area





NOTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

October 9, 2001

Client:	**Sampling Data Sheet / Chain of Custody**	O'Rourke Incorporated
[redacted]		23 Lake Street PO Box 341
Abscope		Owego, New York 13827
		Phone: 607-687-1234 Fax: 607-687-7445

Project Name: Great Lakes Veneer	Project Supervisor:	Sampling Date: 10/12/01
Project Number:	Fax Results to #	Due Date:
Project Location: Oswego, NY	Submit all Final Reports and Invoices to O'Rourke Inc.	Client #

	Field Sample #	Lab ID #	Start Time	End Time	Total Time (min)	Flow Rate (l/min)	Total Volume	Sample Description or Employee Name/ Social Security #	Number of Containers	Analysis Requested 1	2	3	4	5	6
Total Dust	Upwind		12:30	2:00	90	2.0	180	Upwind	1						
PCB	Upwind		12:30	2:00	90	0.5	45.0	Upwind	1						
Total D.	Downwind		12:35	2:05	90	2.0	180	Downwind	1						
PCB	Downwind		12:35	2:05	90	0.5	45.0	Downwind	1						

	Analysis Requested	Method
1		
2		
3		
4		
5		
6		

Field Notes:

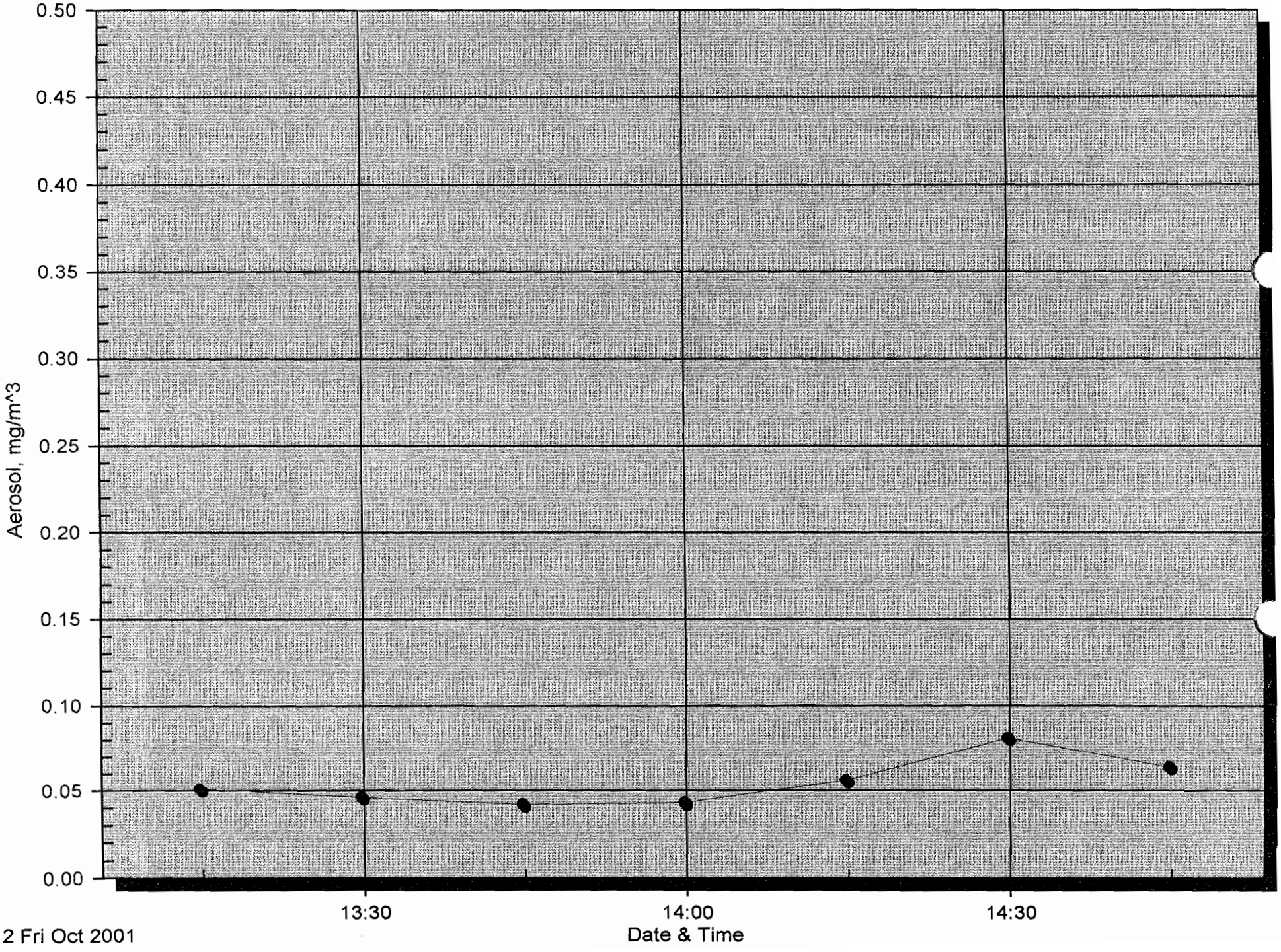
Technicians Name: Ashley Coleman

Relinquished By: Date/Time

Received By: Date/Time

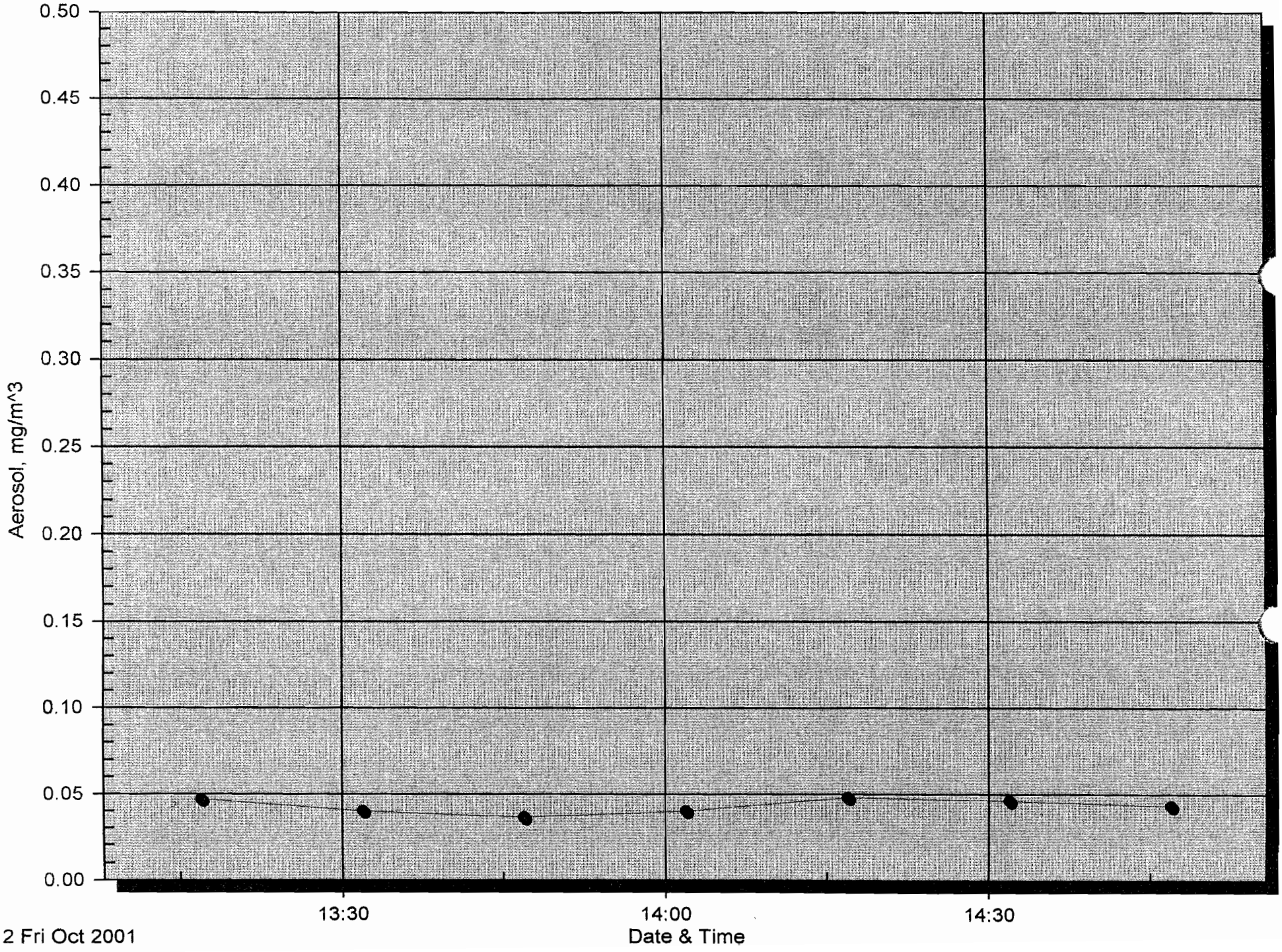
Great Lak[illegible] Veneer

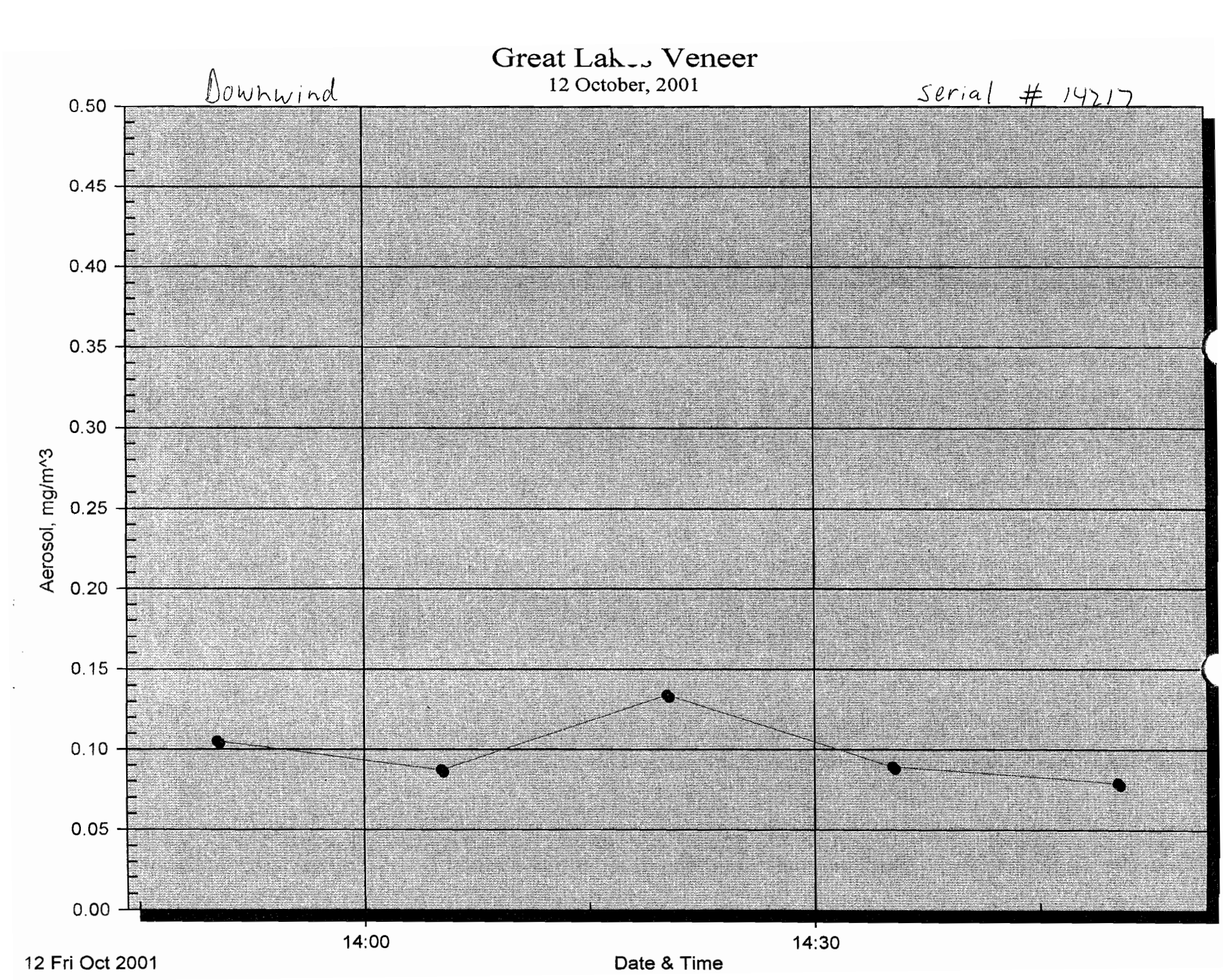
12 October, 2001 Upwind

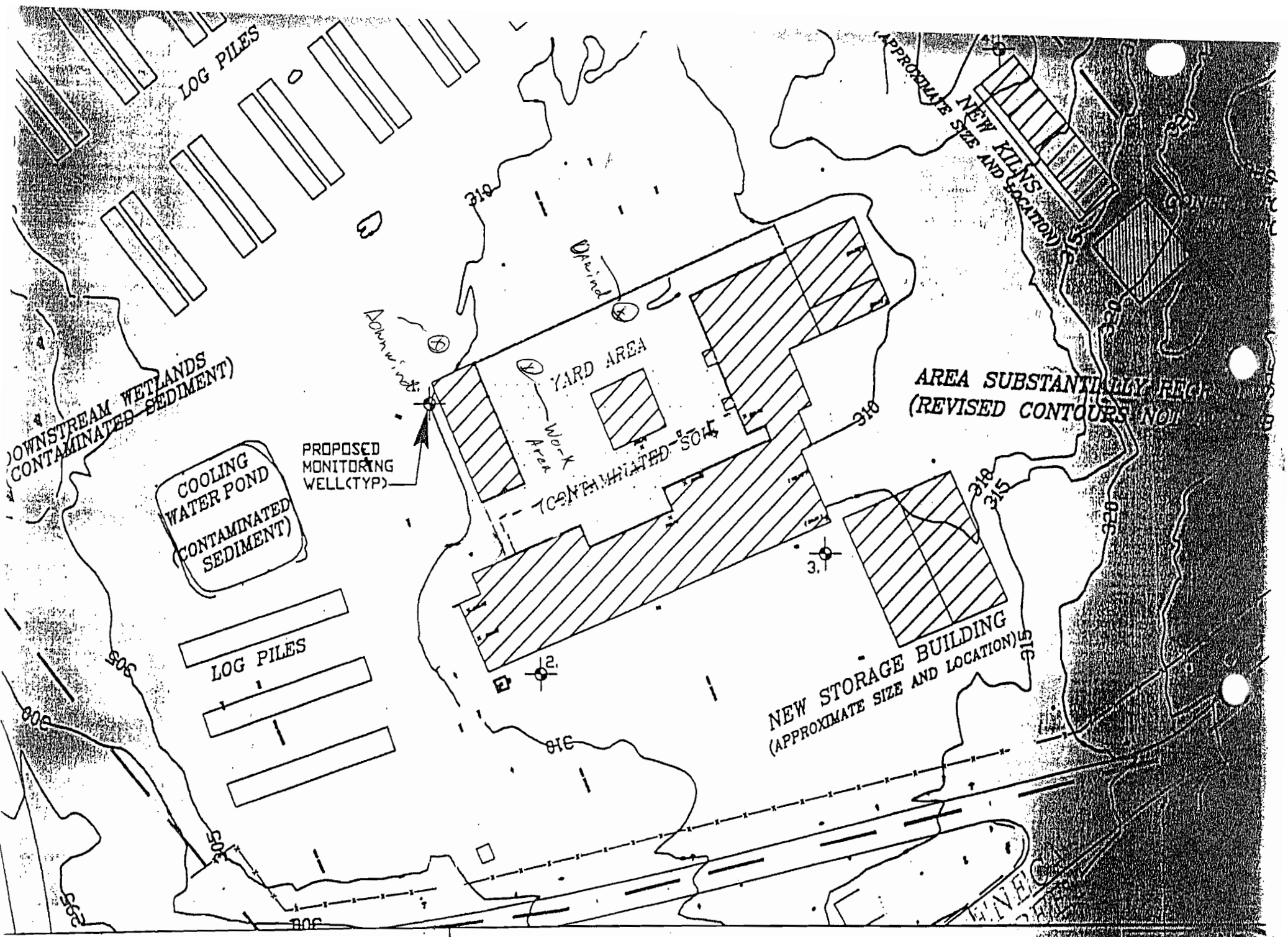


Great Lak[illegible] Veneer

12 October, 2001 Work Area




Great Lakes Veneer
12 October, 2001
Downwind
Serial # 14217
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Aerosol, mg/m^3
14:00
14:30
12 Fri Oct 2001
Date & Time



OTES:

THE CASING FOR WELL I SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
... SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

October 12, 2001

Client: [redacted]	**Sampling Data Sheet / Chain of Custody**	O'Rourke Incorporated 23 Lake Street PO Box 341 Owego, New York 13827 Phone: 607-687-1234 Fax: 607-687-7445
Abscope		

Project Name: Oswego Castings	Project Supervisor:	Sampling Date: 10/15/01
Project Number:	Fax Results to #	Due Date:
Project Location: Oswego, NY	Submit all Final Reports and Invoices to O'Rourke Inc.	Client #

	Field Sample #	Lab ID #	Start Time	End Time	Total Time (min)	Flow Rate (l/min)	Total Volume	Sample Description or Employee Name/ Social Security #	Number of Containers	Analysis Requested 1	2	3	4	5	6
Total Dust	Upwind		9:00	3:45	405	2.0	810	Upwind	1						
PCB	Upwind		9:00	3:45	405	0.5	202	Upwind	1						
Total Dust	Downwind		9:05	3:50	405	2.0	810	Downwind	1						
PCB	Downwind		9:05	3:50	405	0.5	202	Downwind	1						

	Analysis Requested	Method
1		
2		
3		
4		
5		
6		

Field Notes:

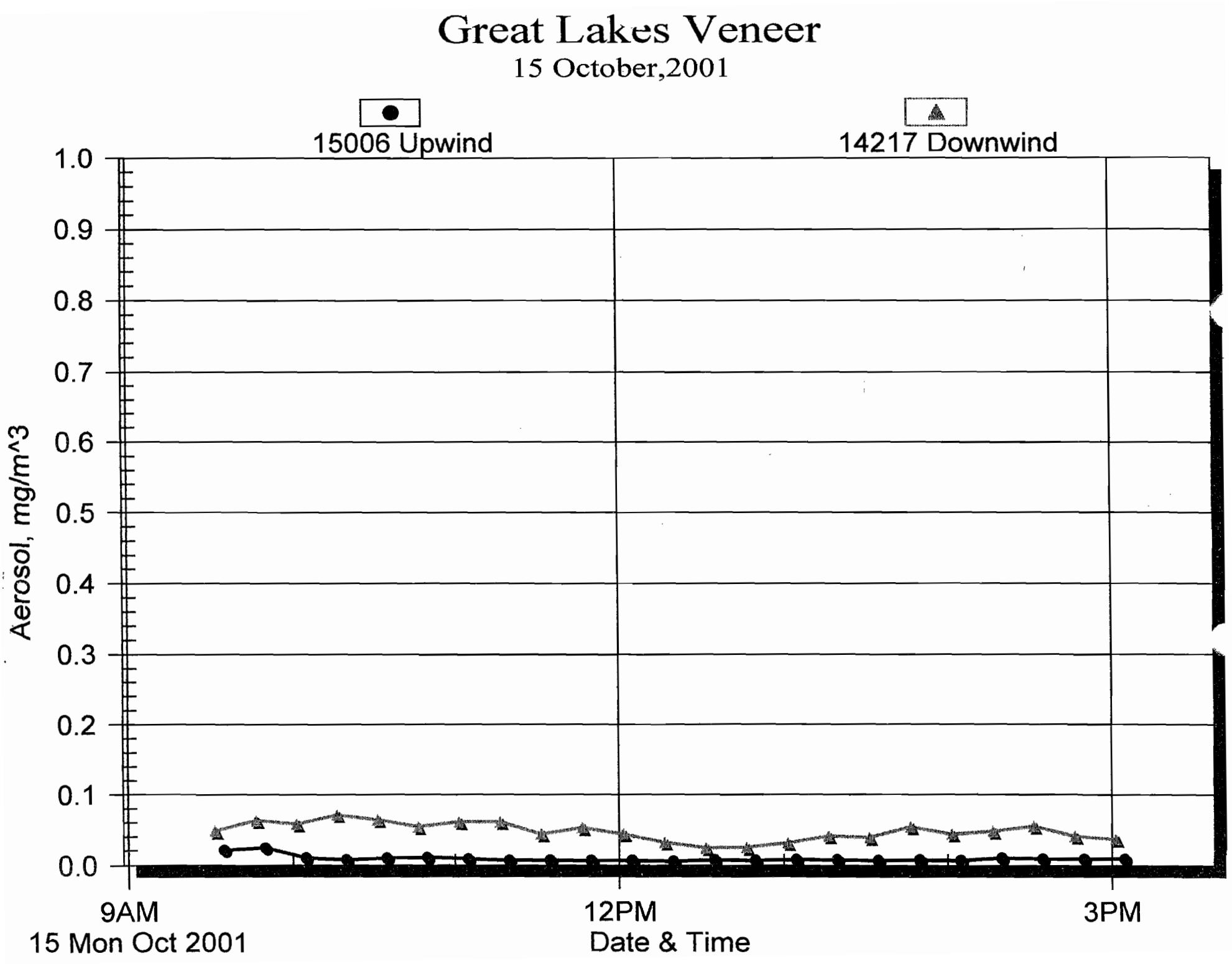
Technicians Name: Ashley Coleman

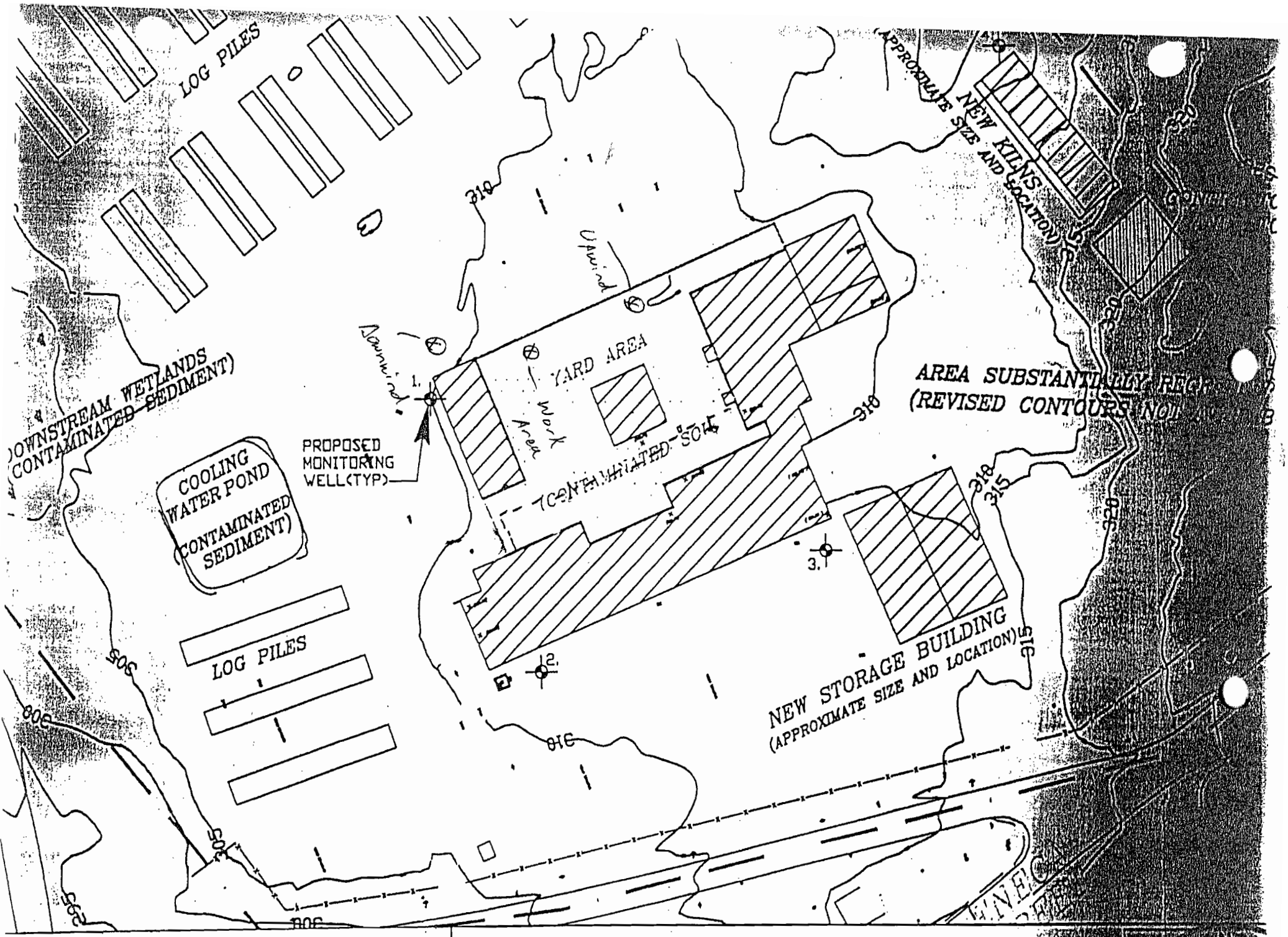
Relinquished By: Date/Time

Received By: Date/Time

Great Lakes Veneer

15 October,2001





OTES:

THE CASING FOR WELL 1 SHALL BE PROTECTED FROM VEHICULAR TRAFFIC WITH
BOLLARDS SHALL BE 6" STEEL CASING FILLED WITH CONCRETE.

October 15, 2001

APPENDIX C

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:13-AUG-2001

Lab Sample ID: L74178-1

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-1
Description: GRAB
Sampled On: 08-AUG-01 00:00 by CLIENT
Date Received: 09-AUG-01 09:57
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	83.7	%		09-AUG-01 00:00	CLP 3.0	01-072-100
EPA 8082						
PCB 1016	U	ug/kg	120	13-AUG-01 10:57	EPA 8082	01-124-782
PCB 1221	U	ug/kg	240	13-AUG-01 10:57	EPA 8082	01-124-782
PCB 1232	U	ug/kg	120	13-AUG-01 10:57	EPA 8082	01-124-782
PCB 1242	U	ug/kg	120	13-AUG-01 10:57	EPA 8082	01-124-782
PCB 1248	2300	ug/kg	120	13-AUG-01 10:57	EPA 8082	01-124-782
PCB 1254	U	ug/kg	120	13-AUG-01 10:57	EPA 8082	01-124-782
PCB 1260	U	ug/kg	120	13-AUG-01 10:57	EPA 8082	01-124-782
Extraction Information:				09-AUG-01 00:00	EPA 3550	01-114-42
Surrogate Recovery:						
Tetrachloro-m-xylene	62	%				01-124-782
Decachlorobiphenyl	87	%				01-124-782

Results calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY:
ND or U = None Detected
< = less than
ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
mg/kg = milligrams per kilogram (equivalent to parts per millic
B = analyte was detected in the method or trip blank
J = result estimated below the quantitation limit

"Our family, caring about your analytical needs . . . Since 1963."

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:13-AUG-2001

Lab Sample ID: L74178-4

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-2
Description: GRAB
Sampled On: 08-AUG-01 00:00 by CLIENT
Date Received: 09-AUG-01 09:57
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	76.1	%		09-AUG-01 00:00	CLP 3.0	01-072-100
EPA 8082						
PCB 1016	U	ug/kg	130	13-AUG-01 12:30	EPA 8082	01-124-782
PCB 1221	U	ug/kg	260	13-AUG-01 12:30	EPA 8082	01-124-782
PCB 1232	U	ug/kg	130	13-AUG-01 12:30	EPA 8082	01-124-782
PCB 1242	U	ug/kg	130	13-AUG-01 12:30	EPA 8082	01-124-782
PCB 1248	2300	ug/kg	130	13-AUG-01 12:30	EPA 8082	01-124-782
PCB 1254	U	ug/kg	130	13-AUG-01 12:30	EPA 8082	01-124-782
PCB 1260	U	ug/kg	130	13-AUG-01 12:30	EPA 8082	01-124-782
Extraction Information:				09-AUG-01 00:00	EPA 3550	01-114-42
Surrogate Recovery:						
Tetrachloro-m-xylene	69	%				01-124-782
Decachlorobiphenyl	86	%				01-124-782

Results calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY:					
ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)	
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per millic	
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit	

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:13-AUG-2001

Lab Sample ID: L74178-5

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-3
Description: GRAB
Sampled On: 08-AUG-01 00:00 by CLIENT
Date Received: 09-AUG-01 09:57
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	64.8	%		09-AUG-01 00:00	CLP 3.0	01-072-100
EPA 8082						
PCB 1016	U	ug/kg	150	13-AUG-01 13:01	EPA 8082	01-124-7829
PCB 1221	U	ug/kg	310	13-AUG-01 13:01	EPA 8082	01-124-7829
PCB 1232	U	ug/kg	150	13-AUG-01 13:01	EPA 8082	01-124-7829
PCB 1242	U	ug/kg	150	13-AUG-01 13:01	EPA 8082	01-124-7829
PCB 1248	2100	ug/kg	150	13-AUG-01 13:01	EPA 8082	01-124-7829
PCB 1254	U	ug/kg	150	13-AUG-01 13:01	EPA 8082	01-124-7829
PCB 1260	U	ug/kg	150	13-AUG-01 13:01	EPA 8082	01-124-7829
Extraction Information:				09-AUG-01 00:00	EPA 3550	01-114-42
Surrogate Recovery:						
Tetrachloro-m-xylene	65	%				01-124-7829
Decachlorobiphenyl	88	%				01-124-7829

Results calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY:

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)	
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per millio	
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit	

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:13-AUG-2001

Lab Sample ID: L74178-6

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-4
Description: GRAB
Sampled On: 08-AUG-01 00:00 by CLIENT
Date Received: 09-AUG-01 09:57
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	74.3	%		09-AUG-01 00:00	CLP 3.0	01-072-100
EPA 8082						
PCB 1016	U	ug/kg	130	13-AUG-01 13:33	EPA 8082	01-124-783(
PCB 1221	U	ug/kg	270	13-AUG-01 13:33	EPA 8082	01-124-783(
PCB 1232	U	ug/kg	130	13-AUG-01 13:33	EPA 8082	01-124-783(
PCB 1242	U	ug/kg	130	13-AUG-01 13:33	EPA 8082	01-124-783(
PCB 1248	970	ug/kg	130	13-AUG-01 13:33	EPA 8082	01-124-783(
PCB 1254	U	ug/kg	130	13-AUG-01 13:33	EPA 8082	01-124-783(
PCB 1260	U	ug/kg	130	13-AUG-01 13:33	EPA 8082	01-124-783(
Extraction Information:				09-AUG-01 00:00	EPA 3550	01-114-42
Surrogate Recovery:						
Tetrachloro-m-xylene	22	%				01-124-783(
Decachlorobiphenyl	36	%				01-124-783(

Results calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: *John Kent*
Lab Director

KEY:					
ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)	
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per millic	
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit	

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:13-AUG-2001

Lab Sample ID: L74178-7

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-5
Description: GRAB
Sampled On: 08-AUG-01 00:00 by CLIENT
Date Received: 09-AUG-01 09:57
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	80.8	%		09-AUG-01 00:00	CLP 3.0	01-072-100
EPA 8082						
PCB 1016	U	ug/kg	120	13-AUG-01 14:04	EPA 8082	01-124-783
PCB 1221	U	ug/kg	250	13-AUG-01 14:04	EPA 8082	01-124-783
PCB 1232	U	ug/kg	120	13-AUG-01 14:04	EPA 8082	01-124-783
PCB 1242	U	ug/kg	120	13-AUG-01 14:04	EPA 8082	01-124-783
PCB 1248	2300	ug/kg	120	13-AUG-01 14:04	EPA 8082	01-124-783
PCB 1254	U	ug/kg	120	13-AUG-01 14:04	EPA 8082	01-124-783
PCB 1260	U	ug/kg	120	13-AUG-01 14:04	EPA 8082	01-124-783
Extraction Information:				09-AUG-01 00:00	EPA 3550	01-114-42
Surrogate Recovery:						
Tetrachloro-m-xylene	73	%				01-124-783
Decachlorobiphenyl	108	%				01-124-783

Results calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per millic
B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:13-AUG-2001

Lab Sample ID: L74178-8

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-6
Description: GRAB
Sampled On: 08-AUG-01 00:00 by CLIENT
Date Received: 09-AUG-01 09:57
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	64.9	%		09-AUG-01 00:00	CLP 3.0	01-072-100
EPA 8082						
PCB 1016	U	ug/kg	150	13-AUG-01 14:35	EPA 8082	01-124-7832
PCB 1221	U	ug/kg	310	13-AUG-01 14:35	EPA 8082	01-124-7832
PCB 1232	U	ug/kg	150	13-AUG-01 14:35	EPA 8082	01-124-7832
PCB 1242	U	ug/kg	150	13-AUG-01 14:35	EPA 8082	01-124-7832
PCB 1248	1100	ug/kg	150	13-AUG-01 14:35	EPA 8082	01-124-7832
PCB 1254	U	ug/kg	150	13-AUG-01 14:35	EPA 8082	01-124-7832
PCB 1260	U	ug/kg	150	13-AUG-01 14:35	EPA 8082	01-124-7832
Extraction Information:				09-AUG-01 00:00	EPA 3550	01-114-42
Surrogate Recovery:						
Tetrachloro-m-xylene	76	%				01-124-7832
Decachlorobiphenyl	103	%				01-124-7832

Results calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A Kent
Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per millior; B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-18

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-7
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	69.1	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	140	16-AUG-01 04:25	EPA 8082	01-124-7897
PCB 1221	U	ug/kg	290	16-AUG-01 04:25	EPA 8082	01-124-7897
PCB 1232	U	ug/kg	140	16-AUG-01 04:25	EPA 8082	01-124-7897
PCB 1242	U	ug/kg	140	16-AUG-01 04:25	EPA 8082	01-124-7897
PCB 1248	190	ug/kg	140	16-AUG-01 04:25	EPA 8082	01-124-7897
PCB 1254	U	ug/kg	140	16-AUG-01 04:25	EPA 8082	01-124-7897
PCB 1260	U	ug/kg	140	16-AUG-01 04:25	EPA 8082	01-124-7897
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-50
Surrogate Recovery:						
Tetrachloro-m-xylene	68	%				01-124-7897
Decachlorobiphenyl	85	%				01-124-7897

Results calculated on a dry weight basis.

Approved by: John R Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per millio
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

"Our family. caring about your analytical needs . . . Since 1963."

FLI
FRIEND LABORATORY I·N·C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-1

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-8
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	38.2	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	260	14-AUG-01 18:46	EPA 8082	01-124-7847
PCB 1221	U	ug/kg	520	14-AUG-01 18:46	EPA 8082	01-124-7847
PCB 1232	U	ug/kg	260	14-AUG-01 18:46	EPA 8082	01-124-7847
PCB 1242	U	ug/kg	260	14-AUG-01 18:46	EPA 8082	01-124-7847
PCB 1248	1100	ug/kg	260	14-AUG-01 18:46	EPA 8082	01-124-7847
PCB 1254	U	ug/kg	260	14-AUG-01 18:46	EPA 8082	01-124-7847
PCB 1260	U	ug/kg	260	14-AUG-01 18:46	EPA 8082	01-124-7847
Extraction Information:				14-AUG-01 00:00	EPA 3550	01-114-47
Surrogate Recovery:						
Tetrachloro-m-xylene	84	%				01-124-7847
Decachlorobiphenyl	99	%				01-124-7847

Results calculated on a dry weight basis.

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

"Our family, caring about your analytical needs . . . Since 1963."

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-2

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-9
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	43.7	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	230	14-AUG-01 19:18	EPA 8082	01-124-7848
PCB 1221	U	ug/kg	450	14-AUG-01 19:18	EPA 8082	01-124-7848
PCB 1232	U	ug/kg	230	14-AUG-01 19:18	EPA 8082	01-124-7848
PCB 1242	U	ug/kg	230	14-AUG-01 19:18	EPA 8082	01-124-7848
PCB 1248	2400	ug/kg	230	14-AUG-01 19:18	EPA 8082	01-124-7848
PCB 1254	U	ug/kg	230	14-AUG-01 19:18	EPA 8082	01-124-7848
PCB 1260	U	ug/kg	230	14-AUG-01 19:18	EPA 8082	01-124-7848
Extraction Information:				14-AUG-01 00:00	EPA 3550	01-114-47
Surrogate Recovery:						
Tetrachloro-m-xylene	84	%				01-124-7848
Decachlorobiphenyl	101	%				01-124-7848

Results calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-3

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-10
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	42.9	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	230	14-AUG-01 19:49	EPA 8082	01-124-7849
PCB 1221	U	ug/kg	460	14-AUG-01 19:49	EPA 8082	01-124-7849
PCB 1232	U	ug/kg	230	14-AUG-01 19:49	EPA 8082	01-124-7849
PCB 1242	U	ug/kg	230	14-AUG-01 19:49	EPA 8082	01-124-7849
PCB 1248	6200	ug/kg	230	14-AUG-01 19:49	EPA 8082	01-124-7849
PCB 1254	U	ug/kg	230	14-AUG-01 19:49	EPA 8082	01-124-7849
PCB 1260	U	ug/kg	230	14-AUG-01 19:49	EPA 8082	01-124-7849
Extraction Information:				14-AUG-01 00:00	EPA 3550	01-114-47
Surrogate Recovery:						
Tetrachloro-m-xylene	74	%				01-124-7849
Decachlorobiphenyl	94	%				01-124-7849

Results calculated on a dry weight basis.

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: [signature]
Lab Director

KEY:
ND or U = None Detected
< = less than
ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-4

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-11
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	42	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	240	14-AUG-01 20:20	EPA 8082	01-124-7850
PCB 1221	U	ug/kg	470	14-AUG-01 20:20	EPA 8082	01-124-7850
PCB 1232	U	ug/kg	240	14-AUG-01 20:20	EPA 8082	01-124-7850
PCB 1242	U	ug/kg	240	14-AUG-01 20:20	EPA 8082	01-124-7850
PCB 1248	2100	ug/kg	240	14-AUG-01 20:20	EPA 8082	01-124-7850
PCB 1254	U	ug/kg	240	14-AUG-01 20:20	EPA 8082	01-124-7850
PCB 1260	U	ug/kg	240	14-AUG-01 20:20	EPA 8082	01-124-7850
Extraction Information:				14-AUG-01 00:00	EPA 3550	01-114-47
Surrogate Recovery:						
Tetrachloro-m-xylene	83	%				01-124-7850
Decachlorobiphenyl	110	%				01-124-7850

Results calculated on a dry weight basis.

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: *John A Kent*
Lab Director

KEY:
ND or U = None Detected
< = less than
ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-6

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-12
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	44.5	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	220	14-AUG-01 21:23	EPA 8082	01-124-7852
PCB 1221	U	ug/kg	450	14-AUG-01 21:23	EPA 8082	01-124-7852
PCB 1232	U	ug/kg	220	14-AUG-01 21:23	EPA 8082	01-124-7852
PCB 1242	U	ug/kg	220	14-AUG-01 21:23	EPA 8082	01-124-7852
PCB 1248	1100	ug/kg	220	14-AUG-01 21:23	EPA 8082	01-124-7852
PCB 1254	U	ug/kg	220	14-AUG-01 21:23	EPA 8082	01-124-7852
PCB 1260	U	ug/kg	220	14-AUG-01 21:23	EPA 8082	01-124-7852
Extraction Information:				14-AUG-01 00:00	EPA 3550	01-114-47
Surrogate Recovery:						
Tetrachloro-m-xylene	82	%				01-124-7852
Decachlorobiphenyl	109	%				01-124-7852

Results calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A Kent
Lab Director

KEY:

ND or U	= None Detected	< = less than	ug/L = micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg = milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-8

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-13
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	37.6	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	260	14-AUG-01 22:25	EPA 8082	01-124-7854
PCB 1221	U	ug/kg	530	14-AUG-01 22:25	EPA 8082	01-124-7854
PCB 1232	U	ug/kg	260	14-AUG-01 22:25	EPA 8082	01-124-7854
PCB 1242	U	ug/kg	260	14-AUG-01 22:25	EPA 8082	01-124-7854
PCB 1248	3000	ug/kg	260	14-AUG-01 22:25	EPA 8082	01-124-7854
PCB 1254	U	ug/kg	260	14-AUG-01 22:25	EPA 8082	01-124-7854
PCB 1260	U	ug/kg	260	14-AUG-01 22:25	EPA 8082	01-124-7854
Extraction Information:				14-AUG-01 00:00	EPA 3550	01-114-47
Surrogate Recovery:						
Tetrachloro-m-xylene	88	%				01-124-7854
Decachlorobiphenyl	104	%				01-124-7854

Results calculated on a dry weight basis.

Approved by: _____ Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-9

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-14
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	34.2	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	290	15-AUG-01 23:45	EPA 8082	01-124-7888
PCB 1221	U	ug/kg	580	15-AUG-01 23:45	EPA 8082	01-124-7888
PCB 1232	U	ug/kg	290	15-AUG-01 23:45	EPA 8082	01-124-7888
PCB 1242	U	ug/kg	290	15-AUG-01 23:45	EPA 8082	01-124-7888
PCB 1248	8100	ug/kg	290	15-AUG-01 23:45	EPA 8082	01-124-7888
PCB 1254	U	ug/kg	290	15-AUG-01 23:45	EPA 8082	01-124-7888
PCB 1260	U	ug/kg	290	15-AUG-01 23:45	EPA 8082	01-124-7888
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-50
Surrogate Recovery:						
Tetrachloro-m-xylene	82	%				01-124-7888
Decachlorobiphenyl	120	%				01-124-7888

Results calculated on a dry weight basis.

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY:

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-10

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-15
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	44	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	230	16-AUG-01 00:16	EPA 8082	01-124-7889
PCB 1221	U	ug/kg	450	16-AUG-01 00:16	EPA 8082	01-124-7889
PCB 1232	U	ug/kg	230	16-AUG-01 00:16	EPA 8082	01-124-7889
PCB 1242	U	ug/kg	230	16-AUG-01 00:16	EPA 8082	01-124-7889
PCB 1248	3100	ug/kg	230	16-AUG-01 00:16	EPA 8082	01-124-7889
PCB 1254	U	ug/kg	230	16-AUG-01 00:16	EPA 8082	01-124-7889
PCB 1260	U	ug/kg	230	16-AUG-01 00:16	EPA 8082	01-124-7889
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-50
Surrogate Recovery:						
Tetrachloro-m-xylene	84	%				01-124-7889
Decachlorobiphenyl	114	%				01-124-7889

Results calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: [signature]
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per millior
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-11

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-16
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	37.5	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	260	16-AUG-01 00:47	EPA 8082	01-124-7890
PCB 1221	U	ug/kg	530	16-AUG-01 00:47	EPA 8082	01-124-7890
PCB 1232	U	ug/kg	260	16-AUG-01 00:47	EPA 8082	01-124-7890
PCB 1242	U	ug/kg	260	16-AUG-01 00:47	EPA 8082	01-124-7890
PCB 1248	8200	ug/kg	260	16-AUG-01 00:47	EPA 8082	01-124-7890
PCB 1254	U	ug/kg	260	16-AUG-01 00:47	EPA 8082	01-124-7890
PCB 1260	U	ug/kg	260	16-AUG-01 00:47	EPA 8082	01-124-7890
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-50
Surrogate Recovery:						
Tetrachloro-m-xylene	95	%				01-124-7890
Decachlorobiphenyl	125	%				01-124-7890

Results calculated on a dry weight basis.

)C NY 10252 NJ 73168 PA 68180 EPA NY00033

Approved by: John A Kent
Lab Director

EY:					
	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-12

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-17
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	45.5	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	220	16-AUG-01 01:18	EPA 8082	01-124-7891
PCB 1221	U	ug/kg	440	16-AUG-01 01:18	EPA 8082	01-124-7891
PCB 1232	U	ug/kg	220	16-AUG-01 01:18	EPA 8082	01-124-7891
PCB 1242	U	ug/kg	220	16-AUG-01 01:18	EPA 8082	01-124-7891
PCB 1248	2200	ug/kg	220	16-AUG-01 01:18	EPA 8082	01-124-7891
PCB 1254	U	ug/kg	220	16-AUG-01 01:18	EPA 8082	01-124-7891
PCB 1260	U	ug/kg	220	16-AUG-01 01:18	EPA 8082	01-124-7891
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-50
Surrogate Recovery:						
Tetrachloro-m-xylene	82	%				01-124-7891
Decachlorobiphenyl	109	%				01-124-7891

Results calculated on a dry weight basis.

Approved by: John A Kent
Lab Director

KEY:

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-13

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-18
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	42.6	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	230	16-AUG-01 01:49	EPA 8082	01-124-7892
PCB 1221	U	ug/kg	470	16-AUG-01 01:49	EPA 8082	01-124-7892
PCB 1232	U	ug/kg	230	16-AUG-01 01:49	EPA 8082	01-124-7892
PCB 1242	U	ug/kg	230	16-AUG-01 01:49	EPA 8082	01-124-7892
PCB 1248	1700	ug/kg	230	16-AUG-01 01:49	EPA 8082	01-124-7892
PCB 1254	U	ug/kg	230	16-AUG-01 01:49	EPA 8082	01-124-7892
PCB 1260	U	ug/kg	230	16-AUG-01 01:49	EPA 8082	01-124-7892
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-50
Surrogate Recovery:						
Tetrachloro-m-xylene	80	%				01-124-7892
Decachlorobiphenyl	112	%				01-124-7892

Results calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

KEY:

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)	
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)	
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit	

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-14

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-19
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	40.4	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	250	16-AUG-01 02:20	EPA 8082	01-124-7893
PCB 1221	U	ug/kg	490	16-AUG-01 02:20	EPA 8082	01-124-7893
PCB 1232	U	ug/kg	250	16-AUG-01 02:20	EPA 8082	01-124-7893
PCB 1242	U	ug/kg	250	16-AUG-01 02:20	EPA 8082	01-124-7893
PCB 1248	4200	ug/kg	250	16-AUG-01 02:20	EPA 8082	01-124-7893
PCB 1254	U	ug/kg	250	16-AUG-01 02:20	EPA 8082	01-124-7893
PCB 1260	U	ug/kg	250	16-AUG-01 02:20	EPA 8082	01-124-7893
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-50
Surrogate Recovery:						
Tetrachloro-m-xylene	89	%				01-124-7893
Decachlorobiphenyl	119	%				01-124-7893

Results calculated on a dry weight basis.

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A Kent
Lab Director

KEY:

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-15

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-20
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	43.9	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	230	16-AUG-01 02:52	EPA 8082	01-124-7894
PCB 1221	U	ug/kg	450	16-AUG-01 02:52	EPA 8082	01-124-7894
PCB 1232	U	ug/kg	230	16-AUG-01 02:52	EPA 8082	01-124-7894
PCB 1242	U	ug/kg	230	16-AUG-01 02:52	EPA 8082	01-124-7894
PCB 1248	6900	ug/kg	230	16-AUG-01 02:52	EPA 8082	01-124-7894
PCB 1254	U	ug/kg	230	16-AUG-01 02:52	EPA 8082	01-124-7894
PCB 1260	U	ug/kg	230	16-AUG-01 02:52	EPA 8082	01-124-7894
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-50
Surrogate Recovery:						
Tetrachloro-m-xylene	82	%				01-124-7894
Decachlorobiphenyl	109	%				01-124-7894

Results calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY:
ND or U = None Detected
< = less than
ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 20-AUG-2001

Lab Sample ID: L74457-16

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-21
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	35.7	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	280	16-AUG-01 03:23	EPA 8082	01-124-7895
PCB 1221	U	ug/kg	560	16-AUG-01 03:23	EPA 8082	01-124-7895
PCB 1232	U	ug/kg	280	16-AUG-01 03:23	EPA 8082	01-124-7895
PCB 1242	U	ug/kg	280	16-AUG-01 03:23	EPA 8082	01-124-7895
PCB 1248	1400	ug/kg	280	16-AUG-01 03:23	EPA 8082	01-124-7895
PCB 1254	U	ug/kg	280	16-AUG-01 03:23	EPA 8082	01-124-7895
PCB 1260	U	ug/kg	280	16-AUG-01 03:23	EPA 8082	01-124-7895
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-50
Surrogate Recovery:						
Tetrachloro-m-xylene	89	%				01-124-7895
Decachlorobiphenyl	115	%				01-124-7895

Results calculated on a dry weight basis.

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: [signature]
Lab Director

ːY: ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-17

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-22
Description: COMPOSITE
Sampled On: 10-AUG-01 00:00 by CLIENT
Date Received: 14-AUG-01 11:54
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	29.9	%		14-AUG-01 00:00	CLP 3.0	01-136-2
EPA 8082						
PCB 1016	U	ug/kg	330	16-AUG-01 03:54	EPA 8082	01-124-7896
PCB 1221	U	ug/kg	670	16-AUG-01 03:54	EPA 8082	01-124-7896
PCB 1232	U	ug/kg	330	16-AUG-01 03:54	EPA 8082	01-124-7896
PCB 1242	U	ug/kg	330	16-AUG-01 03:54	EPA 8082	01-124-7896
PCB 1248	9300	ug/kg	330	16-AUG-01 03:54	EPA 8082	01-124-7896
PCB 1254	U	ug/kg	330	16-AUG-01 03:54	EPA 8082	01-124-7896
PCB 1260	U	ug/kg	330	16-AUG-01 03:54	EPA 8082	01-124-7896
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-50
Surrogate Recovery:						
Tetrachloro-m-xylene	85	%				01-124-7896
Decachlorobiphenyl	107	%				01-124-7896

Results calculated on a dry weight basis.

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: [signature]
Lab Director

KEY:

ND or U = None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)	mg/kg	= milligrams per kilogram (equivalent to parts per million
B	= analyte was detected in the method or trip blank	J	= result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-19

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-23
Description: COMPOSITE
Sampled On: 14-AUG-01 00:00 by CLIENT
Date Received: 15-AUG-01 09:50
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	66.5	%		15-AUG-01 00:00	CLP 3.0	01-136-4
EPA 8082						
PCB 1016	U	ug/kg	150	17-AUG-01 10:01	EPA 8082	01-124-7936
PCB 1221	U	ug/kg	300	17-AUG-01 10:01	EPA 8082	01-124-7936
PCB 1232	U	ug/kg	150	17-AUG-01 10:01	EPA 8082	01-124-7936
PCB 1242	U	ug/kg	150	17-AUG-01 10:01	EPA 8082	01-124-7936
PCB 1248	1000	ug/kg	150	17-AUG-01 10:01	EPA 8082	01-124-7936
PCB 1254	U	ug/kg	150	17-AUG-01 10:01	EPA 8082	01-124-7936
PCB 1260	U	ug/kg	150	17-AUG-01 10:01	EPA 8082	01-124-7936
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-51
Surrogate Recovery:						
Tetrachloro-m-xylene	79	%				01-124-7936
Decachlorobiphenyl	106	%				01-124-7936

Results calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY00033

Approved by: John A Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I·N·C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-22

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-24
Description: COMPOSITE
Sampled On: 14-AUG-01 00:00 by CLIENT
Date Received: 15-AUG-01 09:50
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	69.1	%		15-AUG-01 00:00	CLP 3.0	01-136-4
EPA 8082						
PCB 1016	U	ug/kg	140	16-AUG-01 18:25	EPA 8082	01-124-7906
PCB 1221	U	ug/kg	290	16-AUG-01 18:25	EPA 8082	01-124-7906
PCB 1232	U	ug/kg	140	16-AUG-01 18:25	EPA 8082	01-124-7906
PCB 1242	U	ug/kg	140	16-AUG-01 18:25	EPA 8082	01-124-7906
PCB 1248	150	ug/kg	140	16-AUG-01 18:25	EPA 8082	01-124-7906
PCB 1254	U	ug/kg	140	16-AUG-01 18:25	EPA 8082	01-124-7906
PCB 1260	U	ug/kg	140	16-AUG-01 18:25	EPA 8082	01-124-7906
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-51
Surrogate Recovery:						
Tetrachloro-m-xylene	89	%				01-124-7906
Decachlorobiphenyl	127	%				01-124-7906

Results calculated on a dry weight basis.

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: [signature]
Lab Director

KEY:			
ND or U	= None Detected	ug/L	= micrograms per liter (equivalent to parts per billion)
<	= less than		
mg/L	= milligrams per liter (equivalent to parts per million)	mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank	J	= result estimated below the quantitation limit

FLI FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-23

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-25
Description: COMPOSITE
Sampled On: 14-AUG-01 00:00 by CLIENT
Date Received: 15-AUG-01 09:50
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	59	%		15-AUG-01 00:00	CLP 3.0	01-136-4
EPA 8082						
PCB 1016	U	ug/kg	170	16-AUG-01 18:56	EPA 8082	01-124-7907
PCB 1221	U	ug/kg	340	16-AUG-01 18:56	EPA 8082	01-124-7907
PCB 1232	U	ug/kg	170	16-AUG-01 18:56	EPA 8082	01-124-7907
PCB 1242	U	ug/kg	170	16-AUG-01 18:56	EPA 8082	01-124-7907
PCB 1248	660	ug/kg	170	16-AUG-01 18:56	EPA 8082	01-124-7907
PCB 1254	U	ug/kg	170	16-AUG-01 18:56	EPA 8082	01-124-7907
PCB 1260	U	ug/kg	170	16-AUG-01 18:56	EPA 8082	01-124-7907
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-51
Surrogate Recovery:						
Tetrachloro-m-xylene	92	%				01-124-7907
Decachlorobiphenyl	135	%				01-124-7907

Results calculated on a dry weight basis.

:C NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: [signature]
Lab Director

'EY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:20-AUG-2001

Lab Sample ID: L74457-25

Abscope Environmental, Inc.
Rob Gray

PO Box 487 1 Commercial Drive
Canastota, NY 13032

Sample Source: OSWEGO CASTINGS
Origin: DP-26
Description: COMPOSITE
Sampled On: 14-AUG-01 00:00 by CLIENT
Date Received: 15-AUG-01 09:50
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	49.1	%		15-AUG-01 00:00	CLP 3.0	01-136-4
EPA 8082						
PCB 1016	U	ug/kg	200	16-AUG-01 19:58	EPA 8082	01-124-7909
PCB 1221	U	ug/kg	400	16-AUG-01 19:58	EPA 8082	01-124-7909
PCB 1232	U	ug/kg	200	16-AUG-01 19:58	EPA 8082	01-124-7909
PCB 1242	U	ug/kg	200	16-AUG-01 19:58	EPA 8082	01-124-7909
PCB 1248	800	ug/kg	200	16-AUG-01 19:58	EPA 8082	01-124-7909
PCB 1254	U	ug/kg	200	16-AUG-01 19:58	EPA 8082	01-124-7909
PCB 1260	U	ug/kg	200	16-AUG-01 19:58	EPA 8082	01-124-7909
Extraction Information:				15-AUG-01 00:00	EPA 3550	01-114-51
Surrogate Recovery:						
Tetrachloro-m-xylene	94	%				01-124-7909
Decachlorobiphenyl	118	%				01-124-7909

Results calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A Kent
Lab Director

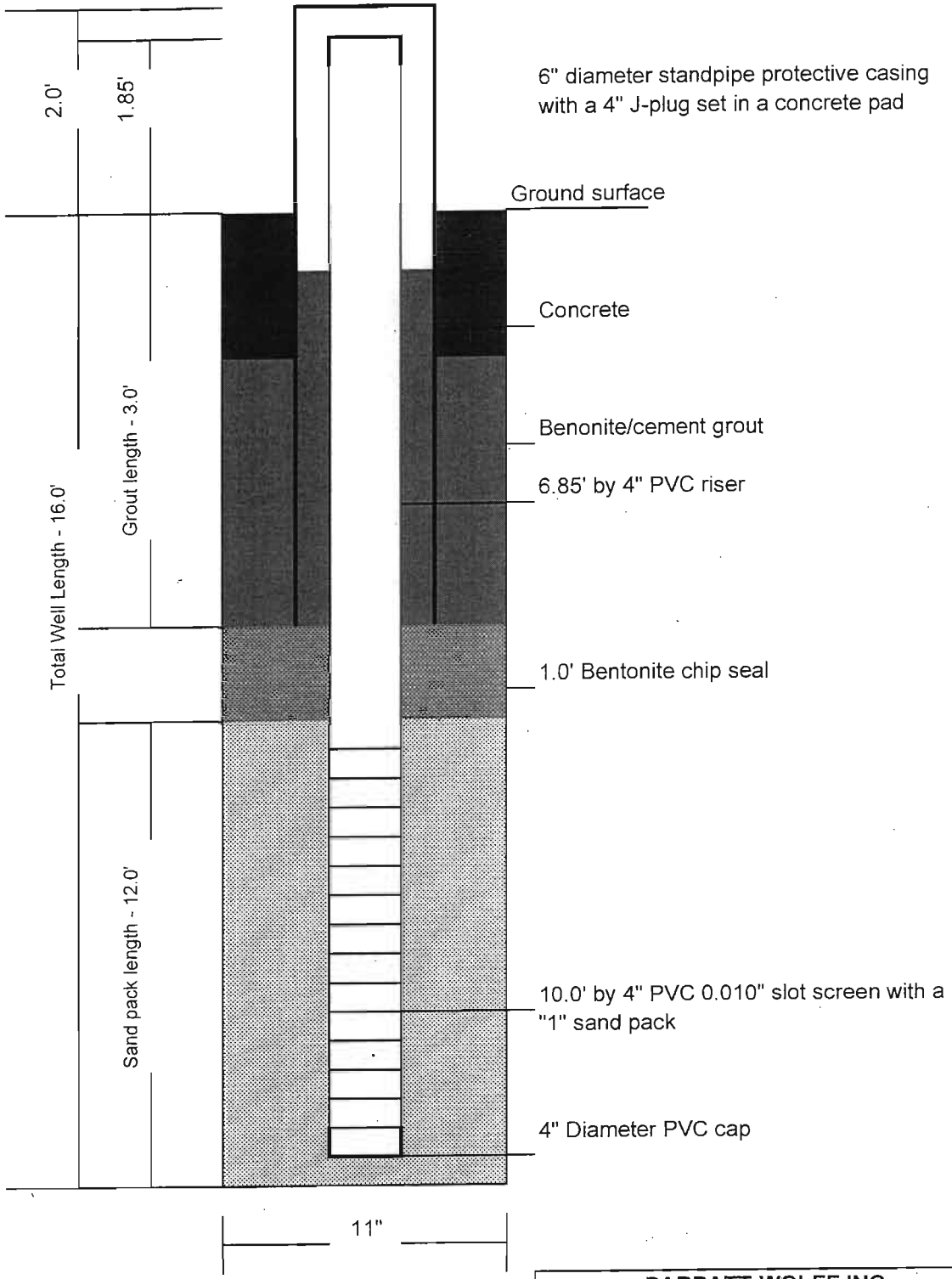
KEY:

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)	
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)	
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit	

APPENDIX D

Waste Type	**Quantity**	**Disposal Facility**
PCB Hazardous Soil	327.37 tons	CWM Model City
Fuel Contaminated Soils	18.49 tons	CWM Model City
Nonhazardous Soils	103.17 tons	High Acres Landfill
Nonhaz solids, C&D, HDPE, poly	19 tons	High Acres Landfill
Nonhazardous sludge	0.2 tons	CWM Model City
Decontamination Water	450 gallons	Industrial Oil Tank Services

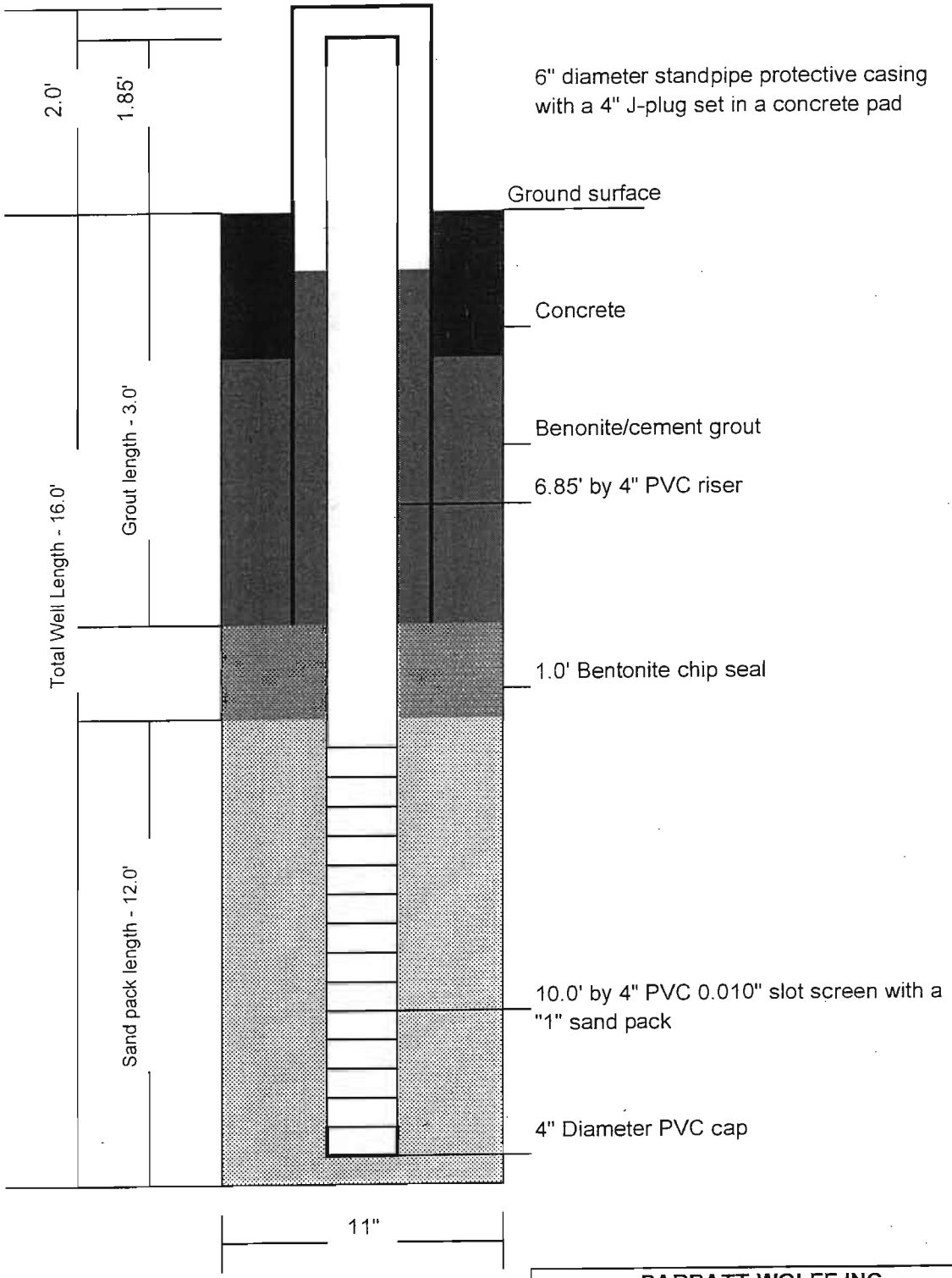
APPENDIX E



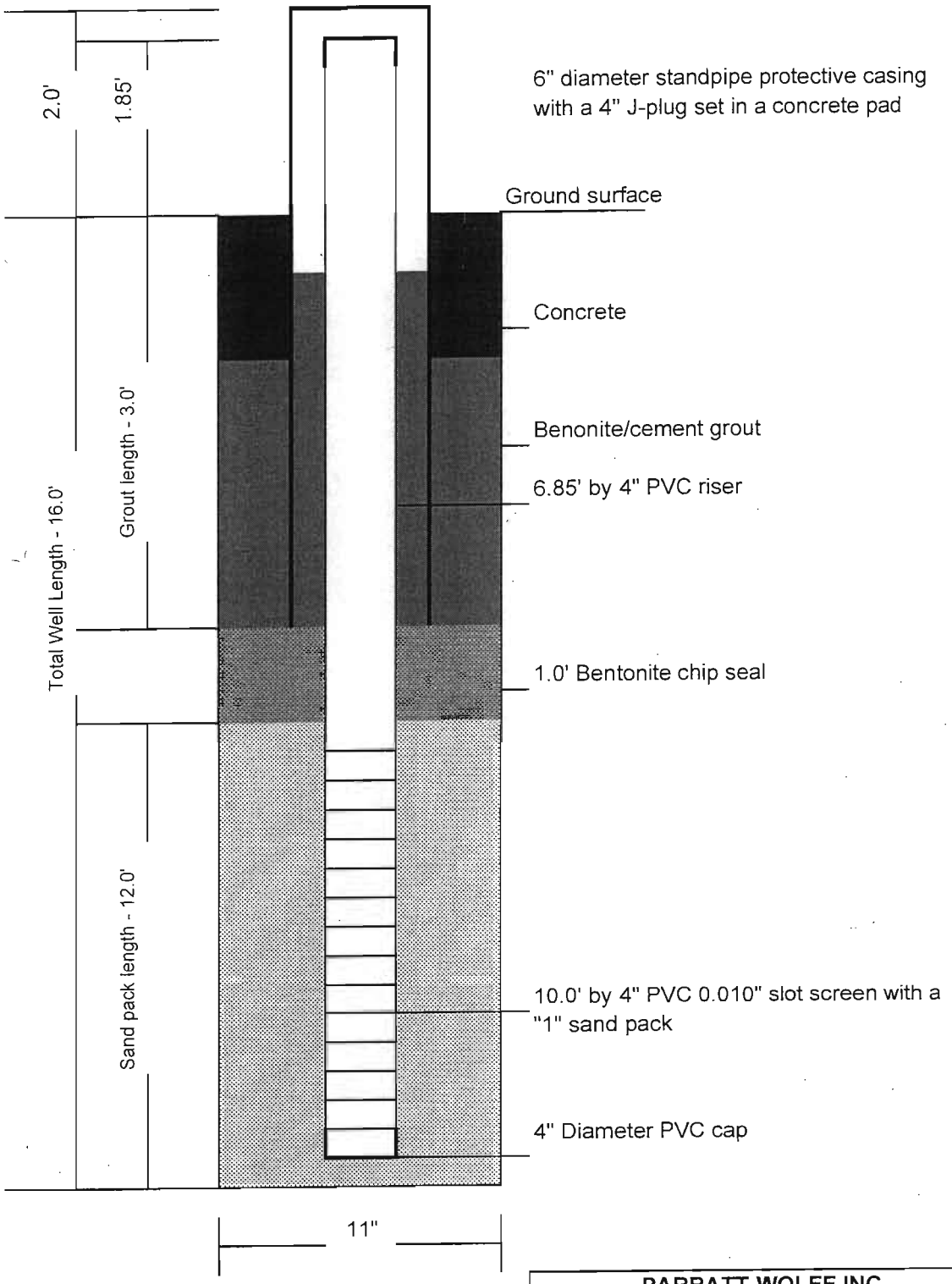
PARRATT-WOLFF INC.

MONITORING WELL MW-1
OSWEGO CASTINGS
OSWEGO, NEW YORK

NOT TO SCALE AUGUST 2001



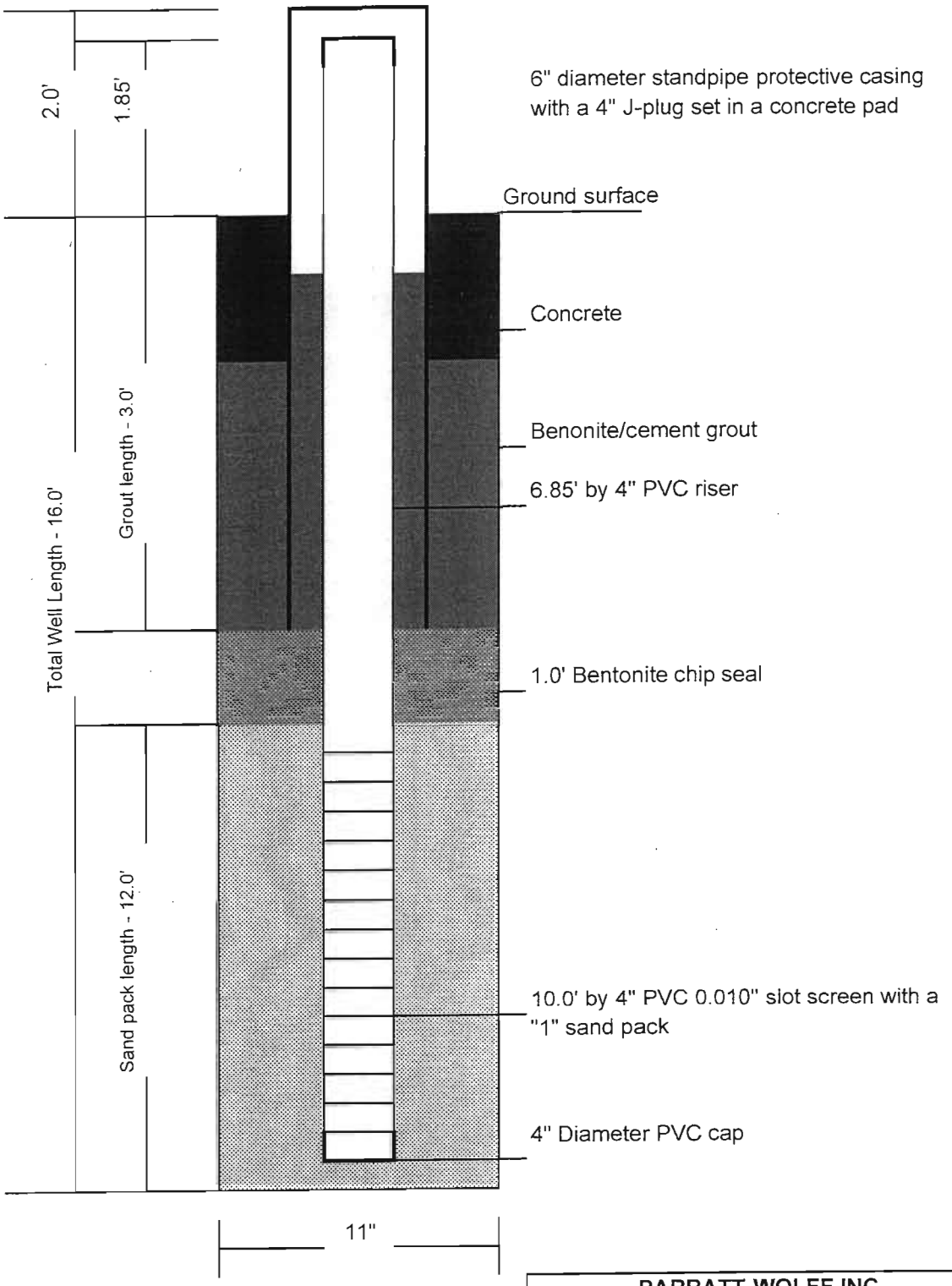
PARRATT-WOLFF INC.	
MONITORING WELL MW-4 OSWEGO CASTINGS OSWEGO, NEW YORK	
NOT TO SCALE	AUGUST 2001



PARRATT-WOLFF INC.

MONITORING WELL MW-2
OSWEGO CASTINGS
OSWEGO, NEW YORK

NOT TO SCALE AUGUST 2001



PARRATT-WOLFF INC.

MONITORING WELL MW-3
OSWEGO CASTINGS
OSWEGO, NEW YORK

NOT TO SCALE AUGUST 2001

APPENDIX F

VAN DER HORST

IN-PLACE DENSITY TEST RESULTS

PROJECT: OSWEGO CASTINGS PROJECT NO: SYR-01-011

CLIENT: ABSCOPE ENVIRONMENTAL DATE: 10/19/01 Pg. 1 of 1

CONTRACTOR: ABSCOPE ENVIRONMENTAL REPORT NO: FR-6

TEST NO.	LOCATION AREA "C"	DEPTH OR ELEV.	DRY DENSITY [PCF]	MOIST. CONTENT [%]	COMP. [%]	SAMPLE NO.
1	25'EAST OF EXISTING BUILDING, SOUTH WEST CORNER	SUBGRADE	130.0	10.1	97.7	01-004
2	45'EAST OF EXISTING BUILDING, MIDDLE	SUBGRADE	126.7	10.0	99.8	01-004
3	30'EAST OF EXISTING BUILDING, NORTH WEST CORNER	SUBGRADE	124.1	10.0	97.7	01-004
4	90'EAST OF EXISTING BUILDING, NORTH EAST CORNER	SUBGRADE	124.7	11.7	98.2	01-004
5	100'EAST OF EXISTING BUILDING, SOUTH EAST CORNER	SUBGRADE	123.3	11.2	97.1	01-004

SAMPLE NO.	MAXIMUM D.D. (PCF)	OPT. % MOISTURE	SAMPLE DESCRIPTION
01-004	127.0	12.0	BROWN SAND AND GRAVEL

REMARKS: A REPRESENTATIVE WITH ABSCOPE ENVIRONMENTAL WAS NOTIFIED OF ALL TEST RESULTS.

PREPARED BY: RON WERNER

REVIEWED BY: _____

VAN DER HORST

IN-PLACE DENSITY TEST RESULTS (3)

PROJECT: OSWEGO CASTINGS PROJECT NO: SYR-01-011

CLIENT: ABSCOPE ENVIRONMENTAL DATE: 10/10/01 Pg. 1 of 1

CONTRACTOR: ABSCOPE ENVIRONMENTAL REPORT NO: FR-5

TEST NO.	LOCATION	DEPTH OR ELEV.	DRY DENSITY [PCF]	MOIST. CONTENT [%]	COMP. [%]	SAMPLE NO.
1	39'EAST, 51'NORTH OF SOUTHEAST CORNER	-4"	124.0	7.4	97.6	01-004
2	33'EAST, 87'NORTH OF SOUTHEAST CORNER	-4"	124.6	6.9	98.1	01-004
3	27'EAST, 138'NORTH OF SOUTHEAST CORNER	-4"	126.3	6.3	99.5	01-004
4	36'EAST, 177'NORTH OF SOUTHEAST CORNER	-4"	129.4	8.0	100+	01-004

SAMPLE NO.	MAXIMUM D.D. (PCF)	OPT. % MOISTURE	SAMPLE DESCRIPTION
01-004	127.0	12.0	BROWN SAND AND GRAVEL

REMARKS: ROB GRAY WITH ABSCOPE ENVIRONMENTAL WAS NOTIFIED OF ALL TEST RESULTS.

PREPARED BY: SCOTT MCAVOY

REVIEWED BY: _____

New York State Department of Environmental Conservation

☒ Approved ☐ Approved As Noted ☐ Resubmit With Revisions ☐ Disapproved

COMMISSIONER OF ENVIRONMENTAL CONSERVATION

_____

Designated Representative

Date 10/17/01

VAN DER HORST

IN-PLACE DENSITY TEST RESULTS

PROJECT: OSWEGO CASTINGS PROJECT NO: SYR-01-011

CLIENT: ABSCOPE ENVIRONMENTAL DATE: 09/12/01 Pg. 1 of 1

CONTRACTOR: ABSCOPE ENVIRONMENTAL REPORT NO: FR-4

TEST NO.	LOCATION	DEPTH OR ELEV.	DRY DENSITY [PCF]	MOIST. CONTENT [%]	COMP. [%]	SAMPLE NO.
1	55'EAST AND 8'NORTH OF EXISTING BUILDING	FSG	125.7	5.9	99.0	01-004
2	110'EAST AND 25'NORTH OF EXISTING BUILDING	FSG	128.8	5.8	100+	01-004
3	165'EAST AND 8'NORTH OF EXISTING BUILDING	FSG	127.3	5.4	100.0	01-004
4	AREA C-15'NORTH AND 10'WEST OF EXISTING NEW PAD SOUTH CORNER	FSG	125.9	5.2	99.1	01-004
5	30'SOUTH AND 7'WEST OF EXISTING NEW PAD NORTH CORNER	FSG	124.7	6.3	98.2	01-004

SAMPLE NO.	MAXIMUM D.D. (PCF)	OPT. % MOISTURE	SAMPLE DESCRIPTION
01-004	127.0	12.0	BROWN SAND AND GRAVEL

REMARKS: ROB GRAY WITH ABSCOPE ENVIRONMENTAL WAS NOTIFIED OF ALL TEST RESULTS.

FSG=FINISHED SUB GRADE

PREPARED BY: RON WERNER

REVIEWED BY: _____

VAN DER HORST

IN-PLACE DENSITY TEST RESULTS

PROJECT: OSWEGO CASTINGS PROJECT NO: SYR-01-011

CLIENT: ABSCOPE ENVIRONMENTAL DATE: 08/09/01 Pg. 1 of 1

CONTRACTOR: ABSCOPE ENVIRONMENTAL REPORT NO: FR-3

TEST NO.	LOCATION	DEPTH OR ELEV.	DRY DENSITY [PCF]	MOIST. CONTENT [%]	COMP. [%]	SAMPLE NO.
1	SOUTHWEST CORNER- AREA A	-8"	127.7	8.6	100+	01-004
2	NORTHWEST CORNER- AREA A	-8"	129.6	7.5	100+	01-004
3	NORTHEAST CORNER- AREA A	-8"	127.4	7.5	100+	01-004
4	SOUTHEAST CORNER- AREA A	-8"	127.0	8.2	100.0	01-004
5	FAR NORTH EAST AREA- AREA A (SAWDUST AREA)	-8"	123.9	8.6	97.5	01-004

SAMPLE NO.	MAXIMUM D.D. (PCF)	OPT. % MOISTURE	SAMPLE DESCRIPTION
01-004	127.0	12.0	BROWN SAND AND GRAVEL

REMARKS: BOB SEITZ WITH ABSCOPE ENVIRONMENTAL WAS NOTIFIED OF ALL TEST RESULTS.

PREPARED BY: RICHARD PORTER

REVIEWED BY: _____

VAN DER HORST

CONCRETE INSPECTION REPORT

PROJECT: OSWEGO CASTINGS
CLIENT: ABSCOPE ENVIRONMENTAL
PROJECT NO.: SYR-01-011
REPORT NO.: C-1 Pg. 2 of 4
LOCATION: OSWEGO, NEW YORK
CONTRACTOR: MURPHY BROTHERS CONSTRUCTION
DATE: 09/06/01
WEATHER: MID 60'S TO 70'S
PLACEMENT LOCATION: SLAB FLOOR FOR BACK DOCK EXPANSION
CONCRETE SUPPLIER: NORTHERN CONCRETE
DESIGN STRENGTH: 4,000 P.S.I.

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
1-1	7	09/08/01	09/13/01	125,870	4,450	
1-2	28	09/08/01	10/04/01	153,890	5,440	143.3
1-3	28	09/08/01	10/04/01	157,400	5,570	143.8

DELIVERY TICKET DATA

MIX NO.: 4316 CEMENT CONTENT: 625 LBS/YD WATER CONTENT: 299 LBS/YD
W/C RATIO: .46 COARSE AGGREGATE: 1744 LBS/YD FINE AGGREGATE: 1369 LBS/YD
ADMIXTURES: MBVR= 4.7oz/yd POLY-997= 48.9oz/yd FIBERMESH

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
2-1	7	09/08/01	09/13/01	81,440	2,880	
2-2	28	09/08/01	10/04/01	128,630	4,550	138.7
2-3	28	09/08/01	10/04/01	125,000	4,420	139.3

DELIVERY TICKET DATA

MIX NO.: 4316 CEMENT CONTENT: 611 LBS/YD WATER CONTENT: 274 LBS/YD
W/C RATIO: .45 COARSE AGGREGATE: 1749 LBS/YD FINE AGGREGATE: 1354 LBS/YD
ADMIXTURES: MBVR= 6.1oz/yd POLY-997= 48.9oz/yd FIBERMESH

PREPARED BY: SCOTT MCAVOY

VAN DER HORST

CONCRETE INSPECTION REPORT

PROJECT: OSWEGO CASTINGS
CLIENT: ABSCOPE ENVIRONMENTAL
PROJECT NO.: SYR-01-011
REPORT NO.: C-1 Pg. 3 of 4
LOCATION: OSWEGO, NEW YORK
CONTRACTOR: MURPHY BROTHERS CONSTRUCTION
DATE: 09/06/01
WEATHER: MID 60'S TO 70'S
PLACEMENT LOCATION: SLAB FLOOR FOR BACK DOCK EXPANSION
CONCRETE SUPPLIER: NORTHERN CONCRETE
DESIGN STRENGTH: 4,000 P.S.I.

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
3-1	7	09/08/01	09/13/01	87,580	3,100	
3-2	28	09/08/01	10/04/01	126,500	4,470	139.3
3-3	28	09/08/01	10/04/01	126,020	4,530	139.0

DELIVERY TICKET DATA

MIX NO.: 4316 CEMENT CONTENT: 609 LBS/YD WATER CONTENT: 307 LBS/YD
W/C RATIO: .50 COARSE AGGREGATE: 1744 LBS/YD FINE AGGREGATE: 1360 LBS/YD
ADMIXTURES: MBVR= 4.7oz/yd POLY-997= 48.9oz/yd FIBERMESH

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
4-1	7	09/08/01	09/13/01	99,080	3,500	
4-2	28	09/08/01	10/04/01	120,390	4,260	136.5
4-3	28	09/08/01	10/04/01	120,420	4,260	136.5

DELIVERY TICKET DATA

MIX NO.: 4316 CEMENT CONTENT: 609 LBS/YD WATER CONTENT: 308 LBS/YD
W/C RATIO: .51 COARSE AGGREGATE: 1746 LBS/YD FINE AGGREGATE: 1358 LBS/YD
ADMIXTURES: MBVR= 4.7oz/yd POLY-997= 48.9oz/yd FIBERMESH

PREPARED BY: SCOTT MCAVOY

VAN DER HORST

CONCRETE INSPECTION REPORT

PROJECT: OSWEGO CASTINGS
CLIENT: ABSCOPE ENVIRONMENTAL
PROJECT NO.: SYR-01-011
REPORT NO.: C-1 Pg. 4 of 4
LOCATION: OSWEGO, NEW YORK
CONTRACTOR: MURPHY BROTHERS CONSTRUCTION
DATE: 09/06/01
WEATHER: MID 60'S TO 70'S
PLACEMENT LOCATION: SLAB FLOOR FOR BACK DOCK EXPANSION
CONCRETE SUPPLIER: NORTHERN CONCRETE
DESIGN STRENGTH: 4,000 P.S.I.

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
5-1	7	09/08/01	09/13/01	105,890	3,750	
5-2	28	09/08/01	10/04/01	135,190	4,780	140.3
5-3	28	09/08/01	10/04/01	133,490	4,720	140.0

DELIVERY TICKET DATA

MIX NO.: 4316 CEMENT CONTENT: 610 LBS/YD WATER CONTENT: 298 LBS/YD
W/C RATIO: .49 COARSE AGGREGATE: 1744 LBS/YD FINE AGGREGATE: 1388 LBS/YD
ADMIXTURES: MBVR= 4.7oz/yd POLY-997= 49.9oz/yd FIBERMESH

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D.	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)

DELIVERY TICKET DATA

MIX NO.: _____ CEMENT CONTENT: _____ LBS/YD WATER CONTENT: _____ LBS/YD
W/C RATIO: _____ COARSE AGGREGATE: _____ LBS/YD FINE AGGREGATE: _____ LBS/YD
ADMIXTURES: _____

PREPARED BY: SCOTT MCAVOY

VAN DER HORST

CONCRETE INSPECTION REPORT

PROJECT: OSWEGO CASTINGS
PROJECT NO.: SYR-01-011
LOCATION: OSWEGO, NEW YORK
DATE: 09/14/01
PLACEMENT LOCATION: FOUNDATION FLOOR
CONCRETE SUPPLIER: NORTHERN READY MIX

CLIENT: ABSCOPE ENVIRONMENTAL
REPORT NO.: C-2 Pg. 3 of 5
CONTRACTOR: MURPHY BROTHERS CONSTRUCTIO
WEATHER: SUNNY, 75°F
DESIGN STRENGTH: 4,000 P.S.I.

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
6-1	7	09/17/01	09/21/01	116,940	4,140	
6-2	28	09/17/01	10/12/01	121,640	4,300	
6-3	28	09/17/01	10/12/01	120,580	4,270	

DELIVERY TICKET DATA

MIX NO.: 4316 CEMENT CONTENT: 609 LBS/YD WATER CONTENT: 300 LBS/YD
W/C RATIO: .49 COARSE AGGREGATE: 1742 LBS/YD FINE AGGREGATE: 1290 LBS/YD
ADMIXTURES: MBVR= 4.8oz/yd POLY-997= 48.9oz/yd

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
7-1	7	09/17/01	09/21/01	109,310	3,870	
7-2	28	09/17/01	10/12/01	115,780	4,100	
7-3	28	09/17/01	10/12/01	118,260	4,180	

DELIVERY TICKET DATA

MIX NO.: 4316 CEMENT CONTENT: 610 LBS/YD WATER CONTENT: 299 LBS/YD
W/C RATIO: .49 COARSE AGGREGATE: 1746 LBS/YD FINE AGGREGATE: 1284 LBS/YD
ADMIXTURES: MBVR= 4.8oz/yd POLY-997= 48.9oz/yd

PREPARED BY: BRIAN MCKINLEY

REVIEWED BY: _____

VAN DER HORST

CONCRETE INSPECTION REPORT

PROJECT: OSWEGO CASTINGS
PROJECT NO.: SYR-01-011
LOCATION: OSWEGO, NEW YORK
DATE: 09/14/01
PLACEMENT LOCATION: FOUNDATION FLOOR
CONCRETE SUPPLIER: NORTHERN READY MIX

CLIENT: ABSCOPE ENVIRONMENTAL
REPORT NO.: C-2 Pg. 4 of 5
CONTRACTOR: MURPHY BROTHERS CONSTRUCTIC
WEATHER: SUNNY, 75°F
DESIGN STRENGTH: 4,000 P.S.I.

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
8-1	7	09/17/01	09/21/01	116,040	4,100	
8-2	28	09/17/01	10/12/01	145,810	5,160	
8-3	28	09/17/01	10/12/01	139,370	4,930	

DELIVERY TICKET DATA

MIX NO.: 4316 CEMENT CONTENT: 610 LBS/YD WATER CONTENT: 299 LBS/YD
W/C RATIO: .49 COARSE AGGREGATE: 1748 LBS/YD FINE AGGREGATE: 1260 LBS/YD
ADMIXTURES: MBVR= 4.7oz/yd POLY-997= 48.9oz/yd

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
9-1	7	09/17/01	09/21/01	96,310	3,410	
9-2	28	09/17/01	10/12/01	125,360	4,430	
9-3	28	09/17/01	10/12/01	133,870	4,740	

DELIVERY TICKET DATA

MIX NO.: 4316 CEMENT CONTENT: 552 LBS/YD WATER CONTENT: 237 LBS/YD
W/C RATIO: .43 COARSE AGGREGATE: 1748 LBS/YD FINE AGGREGATE: 1282 LBS/YD
ADMIXTURES: MBVR= 4.4oz/yd POLY-997= 44.0oz/yd

PREPARED BY: BRIAN MCKINLEY

REVIEWED BY: _____

VAN DER HORST

CONCRETE INSPECTION REPORT

PROJECT: OSWEGO CASTINGS
PROJECT NO.: SYR-01-011
LOCATION: OSWEGO, NEW YORK
DATE: 09/14/01
PLACEMENT LOCATION: FOUNDATION FLOOR
CONCRETE SUPPLIER: NORTHERN READY MIX

CLIENT: ABSCOPE ENVIRONMENTAL
REPORT NO.: C-2 Pg. 5 of 5
CONTRACTOR: MURPHY BROTHERS CONSTRUCTIC
WEATHER: SUNNY, 75°F
DESIGN STRENGTH: 4,000 P.S.I.

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
10-1	7	09/17/01	09/21/01	114,280	4,040	
10-2	28	09/17/01	10/12/01	137,770	4,870	
10-3	28	09/17/01	10/12/01	131,120	4,640	

DELIVERY TICKET DATA

MIX NO.: 4316 CEMENT CONTENT: 609 LBS/YD WATER CONTENT: 298 LBS/YD
W/C RATIO: .49 COARSE AGGREGATE: 1750 LBS/YD FINE AGGREGATE: 1274 LBS/YD
ADMIXTURES: MBVR= 4.7oz/yd POLY-997= 48.8oz/yd

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D.	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)

DELIVERY TICKET DATA

MIX NO.:_____ CEMENT CONTENT:_____LBS/YD WATER CONTENT:_____LBS/YD
W/C RATIO:_____ COARSE AGGREGATE:_____LBS/YD FINE AGGREGATE:_____LBS/YD
ADMIXTURES:_____

PREPARED BY: BRIAN MCKINLEY

REVIEWED BY: _____

VAN DER HORST

CONCRETE INSPECTION REPORT

PROJECT: OSWEGO CASTINGS
CLIENT: ABSCOPE ENVIRONMENTAL
PROJECT NO.: SYR-01-011
REPORT NO.: C-3
LOCATION: OSWEGO, NEW YORK
CONTRACTOR: ABSCOPE ENVIRONMENTAL
DATE: 10/15/01
WEATHER: ----
PLACEMENT LOCATION: ----
CONCRETE SUPPLIER: NORTHERN READY MIX
DESIGN STRENGTH: 4,000 P.S.I.

FIELD TEST RESULTS

Load No.	Ticket No.	Truck No.	Cubic Yards	Batched	Discharge Start	Empty Time	Water in Field (gal.)	Slump (in.)	Air (%)	Concrete Temp. °F	Specimen Set No. Location and Remarks
1	-	-	-	-	-	-	-	5.25	7.2	68	SYR-01-011-11

CUBIC YARDS PLACED: _____ REJECTED: _____
REMARKS: CLIENT-MADE
ALL FIELD TESTING PERFORMED BY NORTHERN READY MIX.

LABORATORY TEST RESULTS

COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WT. AT 28 DAYS (pcf)
11-1	8	10/19/01	10/23/01	106,620	3,770	
11-2	28	10/19/01	11/12/01	143,710	5,080	139.0
11-3	28	10/19/01	11/12/01	142,380	5,040	138.5
11-4	HOLD	10/19/01				
11-5	HOLD	10/19/01				
11-6	HOLD	10/19/01				

DELIVERY TICKET DATA

MIX NO.:_____ CEMENT CONTENT:_____LBS/YD WATER CONTENT:_____LBS/YD
W/C RATIO:_____ COARSE AGGREGATE:_____LBS/YD FINE AGGREGATE:_____LBS/YD
ADMIXTURES:_____

CLIENT-MADE

PREPARED BY: NIEL ZUERN

REVIEWED BY: _____

VAN DER HORST

GEOTECHNICAL ENGINEERING, P.C.
CONSTRUCTION MONITORING
MATERIALS TESTING
EXPLORATORY DRILLING

LETTER OF TRANSMITTAL

DATE: 11/23/01 JOB NO. SYR-01-011

ATTENTION: ROB GRAY

REGARDING: OSWEGO CASTINGS
OSWEGO, NEW YORK

To: ABSCOPE ENVIRONMENTAL
P.O. BOX 487
CANASTOTA, NEW YORK 13032

WE ARE SENDING YOU X Attached ____ Under separate cover the following items:

COPIES	DATE	NO.	DESCRIPTION
2	10/23/01	C-4	CONCRETE INSPECTION REPORT (28-DAY BREAKS)

REMARKS

COPIES TO: (1) NORTHERN READY MIX- CONCRETE ONLY

SIGNED: CHRISTINE WEISS

535 Summit Point Drive
Henrietta, NY 14467
716/359-2730
Fax 716/359-9668

39 Water Street
Box 236
Cuba, NY 14727
716/968-9686
Fax 716/968-9688

8424 Brewerton Rd.
P.O. Box 1373
Cicero, NY 13039
315/698-7359
Fax 315/698-1921

VAN DER HORST

CONCRETE INSPECTION REPORT

PROJECT: OSWEGO CASTINGS
CLIENT: ABSCOPE ENVIRONMENTAL
PROJECT NO.: SYR-01-011
REPORT NO.: C-4 Pg. 3 of 5
LOCATION: OSWEGO, NEW YORK
CONTRACTOR: MURPHY BROTHERS CONSTRUCTION
DATE: 10/23/01
WEATHER: MID 40'S- 50'S
PLACEMENT LOCATION: SLAB ON GRADE AREA C
CONCRETE SUPPLIER: NORTHERN READY MIX
DESIGN STRENGTH: 4,000 P.S.I.

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
12-1	7	10/24/01	10/30/01	118,820	4,200	
12-2	28	10/24/01	11/20/01	160,840	5,690	142.8
12-3	28	10/24/01	11/20/01	154,740	5,470	143.3

DELIVERY TICKET DATA

MIX NO.: 4316 CEMENT CONTENT: 609 LBS/YD WATER CONTENT: 282 LBS/YD
W/C RATIO: .46 COARSE AGGREGATE: 1751 LBS/YD FINE AGGREGATE: 1283 LBS/YD
ADMIXTURES: MBVR= 2.3oz/yd POLY-997= 24.5oz/yd & FIBERMESH

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
13-1	7	10/24/01	10/30/01	116,870	4,130	
13-2	28	10/24/01	11/20/01	154,340	5,460	149.7
13-3	28	10/24/01	11/20/01	181,710	6,430	150.2

DELIVERY TICKET DATA

MIX NO.: 4124P-20 CEMENT CONTENT: 611 LBS/YD WATER CONTENT: 282 LBS/YD
W/C RATIO: .46 COARSE AGGREGATE: 1746 LBS/YD FINE AGGREGATE: 1277 LBS/YD
ADMIXTURES: MBVR= 2.0oz/yd POZZ-20= 36.5oz/yd & FIBERMESH

PREPARED BY: SCOTT MCAVOY

REVIEWED BY: _____

VAN DER HORST

CONCRETE INSPECTION REPORT

PROJECT: OSWEGO CASTINGS
CLIENT: ABSCOPE ENVIRONMENTAL
PROJECT NO.: SYR-01-011
REPORT NO.: C-4 Pg. 4 of 5
LOCATION: OSWEGO, NEW YORK
CONTRACTOR: MURPHY BROTHERS CONSTRUCTION
DATE: 10/23/01
WEATHER: MID 40'S- 50'S
PLACEMENT LOCATION: SLAB ON GRADE AREA C
CONCRETE SUPPLIER: NORTHERN READY MIX
DESIGN STRENGTH: 4,000 P.S.I.

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
14-1	7	10/24/01	10/30/01	91,360	3,230	
14-2	28	10/24/01	11/20/01	130,150	4,600	145.9
14-3	28	10/24/01	11/20/01	117,920	4,170	145.6

DELIVERY TICKET DATA

MIX NO.: 4124P-20 CEMENT CONTENT: 611 LBS/YD WATER CONTENT: 294 LBS/YD
W/C RATIO: .48 COARSE AGGREGATE: 1751 LBS/YD FINE AGGREGATE: 1334 LBS/YD
ADMIXTURES: MBVR= 2.0oz/yd POZZ-20= 36.5oz/yd & FIBERMESH

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
15-1	7	10/24/01	10/30/01	112,670	3,990	
15-2	28	10/24/01	11/20/01	147,190	5,210	147.4
15-3	28	10/24/01	11/20/01	155,660	5,510	147.4

DELIVERY TICKET DATA

MIX NO.: - CEMENT CONTENT: 614 LBS/YD WATER CONTENT: 299 LBS/YD
W/C RATIO: - COARSE AGGREGATE: 1760 LBS/YD FINE AGGREGATE: 1288 LBS/YD
ADMIXTURES: MBVR= 4.0oz/yd POZZ-20= 73.3oz/yd

PREPARED BY: SCOTT MCAVOY

REVIEWED BY: _____

VAN DER HORST

CONCRETE INSPECTION REPORT

PROJECT: OSWEGO CASTINGS
CLIENT: ABSCOPE ENVIRONMENTAL
PROJECT NO.: SYR-01-011
REPORT NO.: C-4 Pg. 5 of 5
LOCATION: OSWEGO, NEW YORK
CONTRACTOR: MURPHY BROTHERS CONSTRUCTION
DATE: 10/23/01
WEATHER: SUNNY, 75°F
PLACEMENT LOCATION: SLAB ON GRADE AREA C
CONCRETE SUPPLIER: NORTHERN READY MIX
DESIGN STRENGTH: 4,000 P.S.I.

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D. SYR-01-011	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)
16-1	7	10/24/01	10/30/01	115,440	4,080	
16-2	28	10/24/01	11/20/01	156,290	5,530	146.9
16-3	28	10/24/01	11/20/01	156,780	5,550	147.2

DELIVERY TICKET DATA

MIX NO.: 4124-L CEMENT CONTENT: 612 LBS/YD WATER CONTENT: 298 LBS/YD
W/C RATIO: .49 COARSE AGGREGATE: 1750 LBS/YD FINE AGGREGATE: 1288 LBS/YD
ADMIXTURES: MBVR= 4.0oz/yd POZZ-20= 73.3oz/yd

LABORATORY TEST RESULTS
COMPRESSION TEST OF STANDARD CONCRETE CYLINDERS 6" X 12"

CYLINDER I.D.	TEST AT DAYS	DATE RECEIVED	DATE TESTED	TOTAL LOAD (LBS)	COMPRESSIVE STRENGTH (psi)	UNIT WEIGHT AT 28 DAYS (pcf)

DELIVERY TICKET DATA

MIX NO.: _____ CEMENT CONTENT: _____ LBS/YD WATER CONTENT: _____ LBS/YD
W/C RATIO: _____ COARSE AGGREGATE: _____ LBS/YD FINE AGGREGATE: _____ LBS/YD
ADMIXTURES: _____

PREPARED BY: SCOTT MCAVOY

REVIEWED BY: _____