



EA Engineering, Science, and Technology, Inc.

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14 June 2005

Mr. Joseph T. Martella II, Senior Engineer
RIDEM Office of Waste Management
Site Remediation Program
235 Promenade Street
Providence, Rhode Island 02908

RE: Response to RIDEM Site Investigation Report Comments, dated 19 May 2005
Former Gorham Manufacturing Facility, Parcel B
333 Adelaide Avenue, Providence, Rhode Island
Case No. 2005-029
EA Project No. 61965.01

Dear Mr. Martella:

On behalf of the Providence Department of Public Property, the prospective site owner, EA Engineering, Science, and Technology, Inc. (EA) is offering the following response to the comments set forth in the 19 May 2005 letter for the Former Gorham Manufacturing Facility. This letter and the associated attachments are intended to fulfill these requirements and allow the Providence Department of Public Property to move forward with redevelopment. The comments were as follows:

1. Please submit complete and accurate documentation regarding all recent unapproved preparation activities involving the disturbance of regulated soils, which have been conducted subsequent to the sampling performed for the April 1, 2005 SIR Addendum. At a minimum, the documentation should include a site figure indicating the vertical and horizontal extent of all excavations, all previous sampling locations, all areas of the site potentially impacted by the temporary stockpiling of excavated material, an estimate of the total volume of material excavated, a description of the screening/crushing process, characterization of the segregated materials, a description and estimated volume of any material placed back into the excavations, all transportation and disposal records for materials leaving the site, and records of any material brought onto the site. Also, please indicate the City's plans to implement additional sampling and analysis in order to gather the representative data necessary to adequately characterize any disturbed areas of the site to properly complete the SIR.

Response: During the 2 May 2005 Public Forum held at the Stop and Shop store adjacent to Parcel B, several residents expressed concerns about potential contaminant migration from stockpiles at the Site. Residents expressed preference for the complete removal of the stockpiles, given the windy nature of the Site. Stockpile removal was determined to be the only practical method of soil management for the Site. Therefore, stockpile removal activities were conducted at the Site on 7 May 2005 and 10 through 13 May 2005. During stockpile removal activities, silt fencing and curtains were maintained at the Site boundary, and a water supply truck was onsite at all times to suppress dust. A brief summary of activities conducted on each day is included below. Attachment A is a figure including the lateral extent of the previously conducted excavation and the location of stockpiles and temporary staging areas associated with the removal activities.

- **DAY ONE (7 May 2005):** EA was onsite to oversee the crushing of several large concrete pieces, presumably former building foundations that were uncovered during previous Site activities. Concrete was broken using a hoe ram and the



smaller pieces were stockpiled in the northeastern portion of the Site. Dust suppression was not required because of heavy rain, and no soils were handled at this time. No debris was transported off-site.

- **DAY TWO (9 May 2005):** Previously excavated stockpiles were screened onsite to remove debris including concrete, wood, metal, and brick. A temporary staging area was established in the northern part of the Site for soils and debris. Soils separated from debris in the screening plant were used to backfill excavations.
- **DAY THREE (10 May 2005):** At this time, concrete crushing continued using a hoe ram, and crushed pieces were stockpiled in the northeastern portion of the Site. A tracking pad was constructed in the southeastern portion of the Site to prevent off-site migration of soils in tires of Site vehicles. The material was 4- to 10-in. diameter clean rip rap. Thirteen (13) cubic yards (yd³) of rip rap were transported to the Site for this tracking pad construction. Three loads (approximately 20 yd³ each) of heavy debris were removed for off-site disposal during Day Three.
- **DAY FOUR (11 May 2005):** Stockpile screening continued at the Site, and debris was stockpiled on the northern side of the Site. Three loads (approximately 20 yd³ each) of heavy debris were removed for off-site disposal. Soil from the screener was used to backfill excavations. Repairs were made to the silt curtain along the chain-link fence.
- **DAY FIVE (12 May 2005):** Stockpile screening continued at the Site, and debris was again stockpiled in the northern portion of the Site. Screened soil was used to backfill excavations. A concrete foundation uncovered in the western portion of the Site was crushed using the hoe ram and stockpiled in the northeastern corner of the Site. The soil stockpile remaining on-site from the previous preparation activities was used as backfill around the Site. A total of seven loads (approximately 20 yd³ each) of heavy debris were removed for off-site disposal.
- **DAY SIX (13 May 2005):** Three loads of debris (approximately 20 yd³ each) uncovered during Site preparation activities was removed and transported off-site for disposal. The remaining eleven loads of debris (approximately 20 yd³ each) were removed for temporary storage at the A. Korey Construction yard (54 Narragansett Avenue, Providence) due to a shortage of vehicles on Day Six. All debris intended for disposal was removed from the Site on Day Six. All soil stockpiles were used as backfill and roughly graded, and concrete was stockpiled in the northeastern corner of the Site. In addition, a smaller stockpile of metal piping was staged in the southwestern portion of the Site. All machinery was demobilized from the Site on Day Six.

On 14 May 2005, eight loads of debris (approximately 20 yd³ each) were removed from the A. Korey Construction yard and transported to the disposal facility. In addition, the final three loads of debris from the Site (approximately 20 yd³ each) were transported to the disposal facility.

At the end of each working day, soil stockpiles were covered with polyethylene sheeting weighted with sandbags. It is estimated that a total of approximately 4,000 yd³ of material were excavated during initial site preparation activities conducted during the week of 28 March 2005. During the debris removal activities conducted during the week of 9 May



2005, approximately 325 yd³ of debris was transported off-site, and 3,675 yd³ of screened soil was used as backfill. Excavations were conducted to a depth of 7 to 8 ft below ground surface (bgs) in the proposed building footprint. Approximately 200 yd³ of concrete was crushed. Debris cut from the Site was managed in a centrally located material screening plant—in this case, in the western portion of the Site. The plant segregated all debris above a certain grain size (in this case, 2-in. diameter) from soils below that grain size. Debris, including wood, concrete, brick, metal, and stone, was temporarily stockpiled for off-site disposal. Debris entrained in soils that was not segregated by the plant was hand picked from the waste stream for disposal. Attachment B includes documentation for the rip rap material transported onto the Site for the construction of the tracking pad. Attachment C includes the bills of lading for the 482 tons of debris transported to the Central Landfill in Johnston, Rhode Island for disposal, including brick and wood.

At this time, EA does not propose further characterization of Site soils. Surface soil samples collected in October 1994 and March 2001 as part of the *Remedial Action Work Plan* submitted by Harding ESE indicated the presence of polycyclic aromatic hydrocarbons (PAHs) in soils above the RIDEM Residential Direct Exposure Criteria. The preferred remedial alternative for these exceedances, as stated in the April 2005 *Site Investigation Report Addendum* submitted by EA, is an engineered cap to isolate these soils. Site preparation activities conducted during the week of 28 March 2005 consisted solely of excavating and screening existing soils to remove and consolidate debris unsuitable for construction, and redistributing the same soils in place to prepare the site for construction. Stockpile removal activities conducted during the week of 9 May 2005 consisted solely of screening previously excavated soils to remove and consolidate debris unsuitable for construction, redistributing the same soils in place, and transporting the unsuitable debris off-site to a licensed disposal facility.

With the exception of the rip rap brought to the Site to construct the tracking pad to prevent the tracking of potentially contaminated materials off site, no material was transported to the Site. The aforementioned site preparation/cleanup activities have not affected the nature of Site soils, and an engineered cap continues to be the preferred remedial alternative for surface soils.

2. The Department has received numerous telephone calls and general inquiries about activities at the subject property, as well as complaints from abutters, area residents, and other stakeholders concerned about the ongoing unapproved site development work. While the Department acknowledges that the SIR has not been completed, and the Public Notice and Comment Period has not officially begun, it is clear that there are several site specific items of particular concern to the public that will likely need to be addressed or resolved during this project, as noted in the following list:
 - a. Concerns have been expressed about the environmental quality of the surface water and sediments of Mashapaug Pond and the impacts that the contamination at the former Gorham property may have historically contributed from alleged unauthorized discharges and dumping, and may continue to contribute via ongoing surface water runoff and contaminated groundwater discharges.

Response: Mashapaug Pond is currently classified as a Class C Water Body, indicating that it is unsuitable for consumption or recreational use. All Site operations have been and will continue to be conducted to protect the pond and its surrounding wetlands from potentially contaminated runoff. A *Storm Water*



Pollution Prevention Plan will be prepared for the Site and has been submitted to the RIDEM Office of Water Resources prior to initiating further Site preparation activities.

- b. A related concern cited the possible risks to students and/or site visitors from direct exposure to contaminated surface water and sediments in Mashapaug Pond.

Response: During school hours, personnel will monitor student access to the pond area to the north of the proposed Site development. A fence will surround the school, and signs will be posted along the fence to further deter trespassing into the wetland area. As part of a separate project on Parcel D, the construction of a public walkway is proposed adjacent to the pond that will be suitable for recreational use, and impenetrable brush will be planted along the pond side of the walkway to prevent incidental access to potentially contaminated sediments and surface water. This proposal has been submitted to RIDEM as the August 2004 *Method 3 Human Health Risk Assessment - Park Parcel* prepared by MACTEC.

- c. A number of area residents have indicated that they or their family members are very familiar with the property's industrial history, and have claimed that the majority of the demolition debris buried on Parcel B originated from the demolition of the Gorham facility circa 1989. Several of these residents have also indicated that they believe that insufficient asbestos abatement was performed on the buildings prior to demolition, and that the buried construction and demolition debris that was recently excavated, as well as the site soils that were screened, are contaminated with elevated levels of asbestos.

Response: No asbestos-containing material (ACM) was noted in any of the excavated materials during the Site preparation activities conducted during the week of 28 March 2005 or stockpile removal activities conducted during the week of 9 May 2005. In the event that ACM is identified during future Site preparation and construction activities, ACM will be separated out from the debris piles so that the debris piles can be handled as standard construction and demolition debris. The ACM separated from the debris piles will be disposed of off-site in a licensed landfill in accordance with 40 CFR 61.150 (b). A "Confirmation of Receipt of Asbestos for Disposal" form will be submitted for each shipment of asbestos-containing waste. Prior to disposal, all ACM will be wetted to prevent inhalation hazards.

If ACM is identified during future Site preparation and construction activities, Occupational Safety and Health Administration (OSHA) personnel sampling and compliance sampling will be conducted during future operations to establish personal exposure limits. Any exceedances of RIDOH or OSHA-established ambient air guidelines, 0.01 f/cc (fibers per cubic centimeter of air), will result in a suspension of operations until a safe ambient air level is re-established. In addition, perimeter and downwind samples will be collected during crushing and excavation operations.

- d. There appears to be a general perception among the interested public that the entire Gorham property (including the locations of the existing Stop & Shop plaza, the proposed YMCA, public high school, and walking trail) have not been sufficiently investigated and that further investigation is warranted. The Department has yet to receive detailed written documentation addressing the public's specific areas of concern, but anticipates that this will be forthcoming.



Response: The Former Gorham Manufacturing Facility has been the subject of numerous investigation and remediation activities overseen by RIDEM over the past 15 years. Media sampled by EA at Parcel B includes surface and subsurface soils, groundwater, and soil vapor. Based upon the sampling conducted by EA and all previous investigations on Parcel B, the investigation and characterization of Parcel B is complete. The remedial alternatives proposed for the Site, an active venting system to address potential indoor air issues and an engineered cap to isolate soils, will address all contaminated media identified during past and recent investigation activities.

- e. Concerns have been raised about the safety and appropriateness of the City of Providence's citing of a school next to a property where the site specific remedial objectives exceed the Department's industrial/commercial standards, and were based upon restricting future use of the entire site (including Parcel B) to industrial/commercial reuse. In addition, the City's failure to date to document its effort to comply with the requirement to consider issues of environmental equity and environmental justice when proposing a project of this nature, have been called into question.

Response: The remediation conducted at the Former Gorham Manufacturing Facility has included the construction of an engineered cap to isolate contaminated surface soils from direct exposure, groundwater remediation through permanganate injection, and asphalt batching to address subsurface petroleum contamination. The groundwater injection and asphalt batching activities addressed material in the deep vadose zone/shallow saturated zone, i.e., approximately 25-30 ft bgs. All existing soils in Parcel A were then isolated with clean fill, building footprints, or asphalt and clean fill.

Therefore, the engineered cap to be constructed on Parcel B, the active venting system beneath the proposed school on Parcel B, the engineered cap throughout the adjacent Parcel A, and the proposed active venting system and engineered cap at the adjacent Parcel C will prevent direct exposure, wind erosion, water erosion, and inhalation of Site contaminants of concern.

The City's environmental equity response is included as Attachment D.

- f. The majority of the telephone complaints received during the City's unapproved site work indicated that the work that was being performed was not related to investigation activities, but included:
- i. Construction site preparation activities such as excavation of buried construction and demolition debris from numerous locations across the property;
 - ii. Mechanical screening of debris from the excavated soil;
 - iii. Stockpiling of very large piles of soil for several days at a time without properly covering and securing the piles;
 - iv. Moving of screened soil to fill various holes excavated across the property;
 - v. Crushing of large pieces of concrete previously stockpiled on the property from earlier activities on the abutting property and/or recently excavated at the site;
 - vi. Transporting numerous truckloads of fill material from offsite onto the property for the purpose of filling the remaining excavated holes.



Response: During the previously discussed 2 May 2005 Public Forum, concern was raised by neighborhood residents regarding the stockpiles remaining at the Site. These stockpiles consisted of soils and debris removed during the initial Site activities conducted during the week of 28 March 2005. During the 2 May Public Forum, the City committed to the neighborhood residents to remove the stockpiles in direct response to several requests for removal made by residents. The City's contractor was remobilized to the Site during the week of 9 May under the supervision of EA to remove debris, break and consolidate concrete, and perform the necessary operations to backfill the open excavation with the previously removed soils. A dust control vehicle was on-site and active during all activities. At the end of each working day, the screened soil stockpiles were covered with polyethylene sheeting weighted with sandbags. To prevent the transfer of potentially contaminated Site surface soils to the surrounding areas, erosion and dust control measures such as silt fencing and wind fencing along the chain link fence were constructed, and a rip rap tracking pad was built at the gate to prevent the tracking of soils out of the fenced area from exiting Site vehicles. With the exception of the rip rap for this pad, no fill materials were transported to the Site. Attachment B provides documentation for this rip rap. All excavated construction/demolition debris was screened, consolidated, and transported off-site for disposal in accordance with all Rhode Island Department of Transportation regulations. Bills of lading are included as Attachment C to this letter. No debris was buried at the Site. At this time, no soil stockpiles remain at the Site. Concrete is stockpiled in the northeastern corner of the Site, and a smaller metal piping stockpile remains in the southwestern corner of the Site.

3. Based upon a conversation with the City's environmental contractor (EA), during a visit to the site on the morning of May 10, 2005, it is the Department's understanding that the additional soil gas sampling and analysis requested in item 3.c of the Department's April 20, 2005 SIR comment letter will be performed and submitted to the Department for review.

Response: Four soil vapor extraction points were installed at the site on 25 May 2005 consisting of 1-in. diameter PVC 0.010-in. screen from 4 to 5 ft bgs and 5 ft of 1-in. diameter PVC riser to the ground surface. Locations of these soil vapor extraction points are included on Attachment E. Due to inclement weather during the week of 27 May 2005, soil vapor sampling was conducted on 1 June 2005. One SUMMA canister was collected at each soil vapor extraction point and submitted for laboratory analysis of volatile organic compounds by EPA Method TO-15. Laboratory Certificates of Analysis and a summary table, including comparison to the most stringent of the regulations cited in the 20 April 2005 RIDEM comment letter, are included as Attachment F.

4. In a related comment, the City must provide an estimate of air pollution emissions to the Department's Office of Air Resources (OAR), sufficient to demonstrate that a permit under Air Pollution Control Regulation No. 9 (Air Pollution Control Permits), is not needed. Or must provide calculations, based upon the levels of VOC vapors collected in soil gas, to show whether a permit or registration under Regulation No. 9 is required. Failure to properly permit the air pollution emissions, or to register, design, and install appropriate vapor phase controls, will result in a violation of the OAR Regulations should detected emissions exceed the limits allowed in Air Pollution Control Regulation No. 22 (Air Toxics), last amended on April 27, 2004.

Response: During design of the active venting system for submittal in the Remedial Action Work Plan for the Site, calculations will be prepared using the 1 June 2005 soil vapor



sampling results. At this time, specifics of the system, such as the estimated amount of vapor to be discharged, have not been determined. These calculations will be performed to determine if a permit under Regulation No. 9 is required for the proposed active venting system.

5. Prior to the issuance of a Program Letter, the OWM Landfill Closure Program requires that the City concur with all of the terms and conditions listed in comment 3.a [“The sub-slab ventilation system should either consist of a continuously active system, or a passive system designed to automatically switch to an active system immediately upon detection of a methane gas/LEL levels above specific threshold values. Whether passive or active, the sub-slab ventilation system should include probes/alarms that continuously measure methane gas/LEL levels. A passive sub-slab ventilation system must automatically switch to an active system if methane levels in the sub-slab approach 25% of the LEL for methane (1.25% methane by volume). This would mean activation of the system at a lower level than 1.25% methane by volume. The details of how long the system would stay active after the exceedance of the agreed upon trigger level and the details of confirmatory sampling will be outlined in the Remedial Action Work Plan (RAWP)”] and comment 6 of the Department’s April 20, 2005 SIR comment letter.

Response: Parcel B of the former Gorham Manufacturing facility formerly housed a mill building and associated parking areas, not a solid waste landfill. Previous environmental investigations have noted the presence of solid waste within urban fill predominantly to the west of the Site, on Parcel A, and in the extreme northwestern corner of Parcel B. This portion of the Site is not included in the proposed building footprint. In addition, out of 32 soil gas monitoring locations throughout the Site, no concentrations of methane within the shallow subsurface greater than 0.3% methane were noted during the 19 January 2005 soil vapor monitoring event. As such, the Office of Waste Management, Landfill Closure Program requirements of continuous methane monitoring do not apply to this site.

As requested in Comment 6 of the 20 April 2005 letter, the engineered cap for the Site will include two feet of clean fill, or the equivalent, throughout Parcel B.

6. Personnel from the Department’s Office of Legal Services (OLS) have the following comments:
 - a. The City’s compliance with Section 3 of the April 1, 2005 Letter of Responsibility (LOR) has been, and likely will continue to be flawed, due to the inflexible nature of the City’s date-driven compliance schedule. Although the proposal for public notice spelled out in the City’s April 22, 2005 response to the LOR technically complied with the requirements of the LOR, the proposal itself, setting two firm dates for a public forum and a public hearing before the City had even submitted its SIR, prevents the City from making necessary adjustments to its notice schedule in response to changes in circumstances. As a result, it appears that the City’s May 2, 2005 public forum and the formal public hearing originally proposed for May 16, 2005, both fail to meet the intent of the public notice requirements of the LOR and the Remediation Regulations.

Response: The City of Providence has made all efforts to comply with the requirements of the LOR, and upon receipt of the Program Letter, is prepared to hold another Public Forum and subsequent Public Hearing.

- b. The purpose of the public forum as required by Section 3.a.i. of the LOR was to both comply with the requirements of Section 7.07 B. of the Remediation Regulations . for notice of the completion of the Site Investigation. and to engage the public in a discussion



regarding what the SIR entailed, what it found, the threats posed and the proposed remedies so that the public could assimilate that information and formulate sound, substantive comments for the public hearing. With respect to the public forum conducted by the City on May 2, 2005, the City's late submission of its SIR on April 1, 2005, left insufficient time for the review and comment by the Department and a reply by the City prior to the May 2, 2005 public forum to finalize the SIR. However, despite the fact that the Department issued comments on the SIR on April 20, 2005, that concluded that the SIR was incomplete and that the proposed remedy was not adequate, the City proceeded with the March 2, 2005 public forum. As of this date, Thursday, May 19, 2005, the SIR is still not complete and the City's May 6, 2005 response to the Department's comments has proposed substantive changes in the proposed remedy. As a result, the City will need to hold a second public hearing once the SIR has been finalized. In order to avoid repetition of this problem, the Department recommends that this forum be scheduled after the Department issues its Program Letter confirming that the investigation is complete.

Response: The City of Providence proposed a remedy for the Parcel B site that was essentially identical to that previously approved for the adjacent YMCA site/Parcel C (passive/active ventilation, engineered cap, ELUR). The City's 6 May response proposed no substantive changes to the remedy, but merely clarified the science associated with the passive/active ventilation system, and agreed with all of the other comments, which should have completed the SIR at that time.

- c. The purpose of the formal public hearing required by Section 3.a.ii. of the LOR is to comply with the requirements of Section 7.09 of the Remediation Regulations. The Director has issued a Remedial Decision Letter (RDL) identifying the preferred remedial alternative that has been approved for the site. As of the writing of this comment on Thursday, May 19, 2005, the City has yet to submit the required information to the Department in order to receive a Program Letter from the Department indicating that the Site Investigation is complete.

Response: At this time, RIDEM will have received all requested information, including additional soil vapor sample results and the environmental equity evaluation. Remedial alternatives have been proposed and clarified. Public notice, to this point, has been completed. Therefore, the Site Investigation is complete.

- d. In addition to its problems with the scheduling of its public meetings, the City has also failed to meet the LOR's requirements for the City to evaluate how its investigation and preferred remedial alternative consider issues of environmental equity. Pursuant to the LOR, the City is required to submit a written assessment evaluating environmental equity issues that is to be submitted at or near the time that the SIR is submitted. Because the LOR makes the submission of this environmental equity analysis a prerequisite to the Department's issuance of the Program Letter, the analysis should be submitted prior to the date of the public forum required by Section 3.a.i. of the LOR.

Response: The requested environmental equity analysis has been submitted to RIDEM by the City of Providence under separate cover, and is included as Attachment D.

7. Please be reminded, any site development within the 50 foot wetlands buffer will require permitting through the Department's Freshwater Wetlands Program.



Response: Wetlands adjacent to Parcel B were delineated by an EA Professional Wetland Scientist and Certified Professional Soil Scientist. The delineated wetland area and subsequent wetland buffer have been incorporated into all proposed Site redevelopment plans.

If you have any further questions about this property, please do not hesitate to contact me at 401-736-3440.

Sincerely,

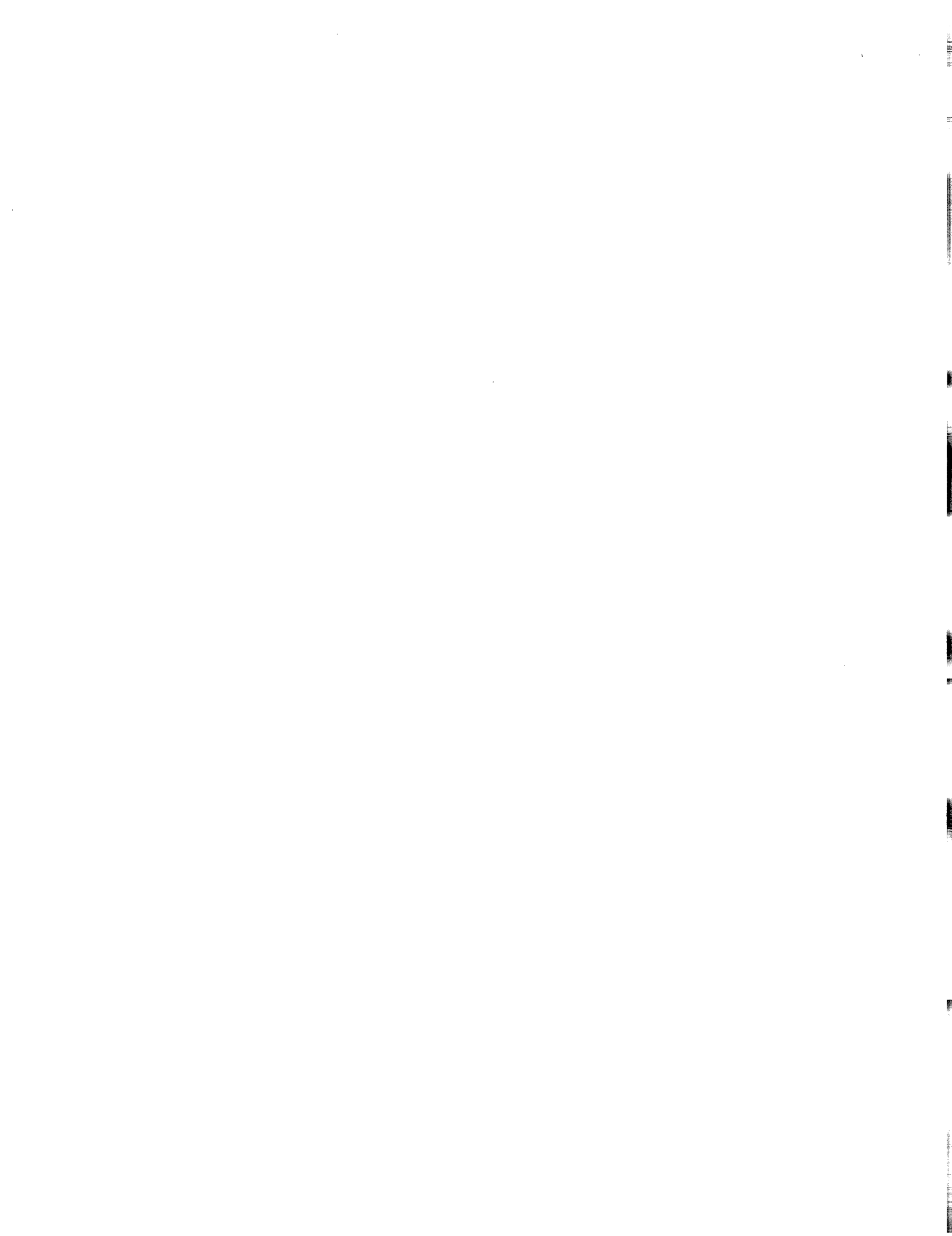
EA ENGINEERING, SCIENCE,
AND TECHNOLOGY, INC.

A handwritten signature in black ink, appearing to read 'Timothy Regan', written over a faint circular stamp or watermark.

Timothy Regan, P.E., M.B.A.
Client Manager/Senior Engineer

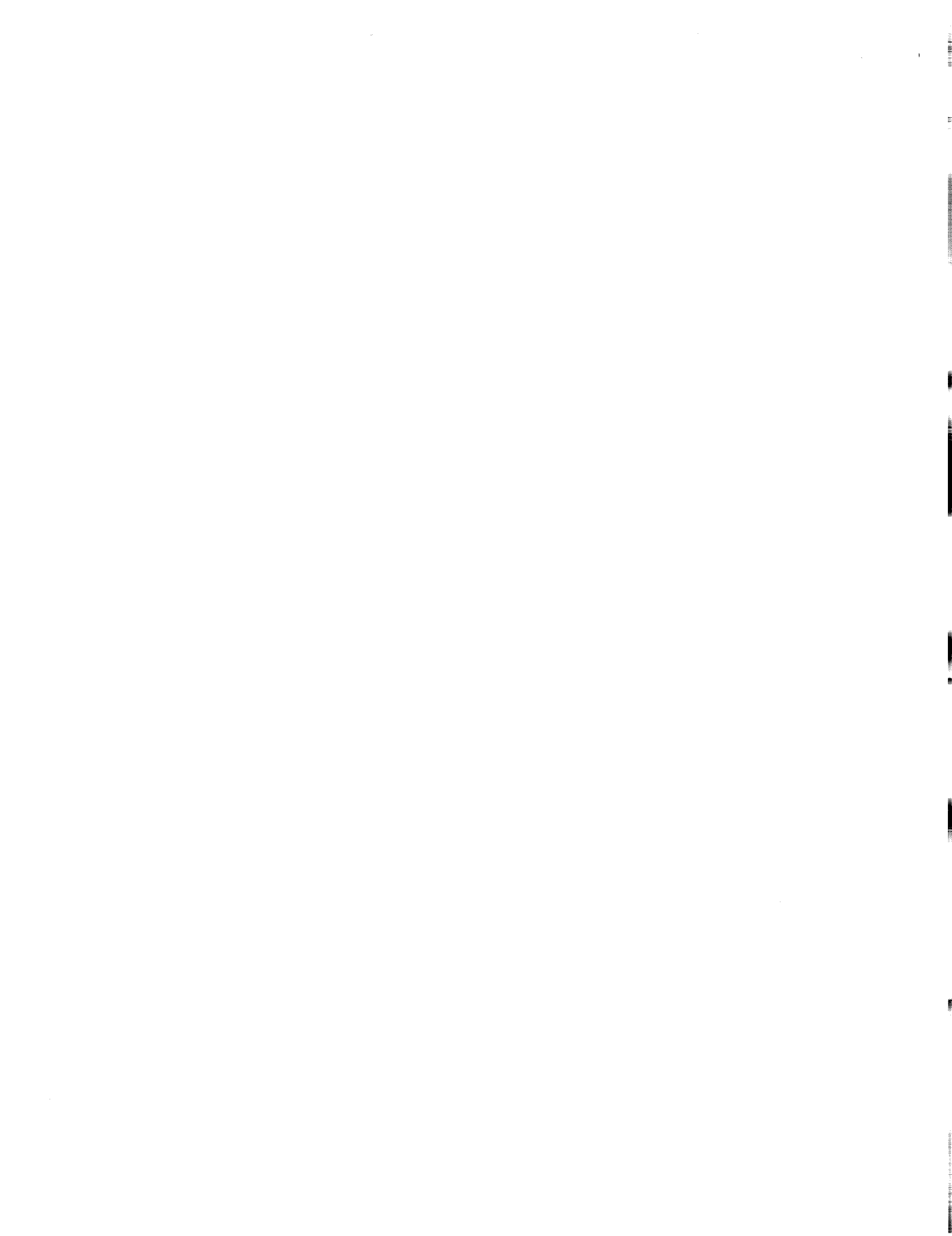
TR/dk
Attachments

cc: A. Sepe, Providence Department of Public Property
T. Deller, Providence Redevelopment Agency
K. Owens, RIDEM Office of Waste Management
L. Hellested, RIDEM Office of Waste Management
B. Wagner, Esq., RIDEM Legal Services
K. McHugh, Esq., City of Providence Law Department



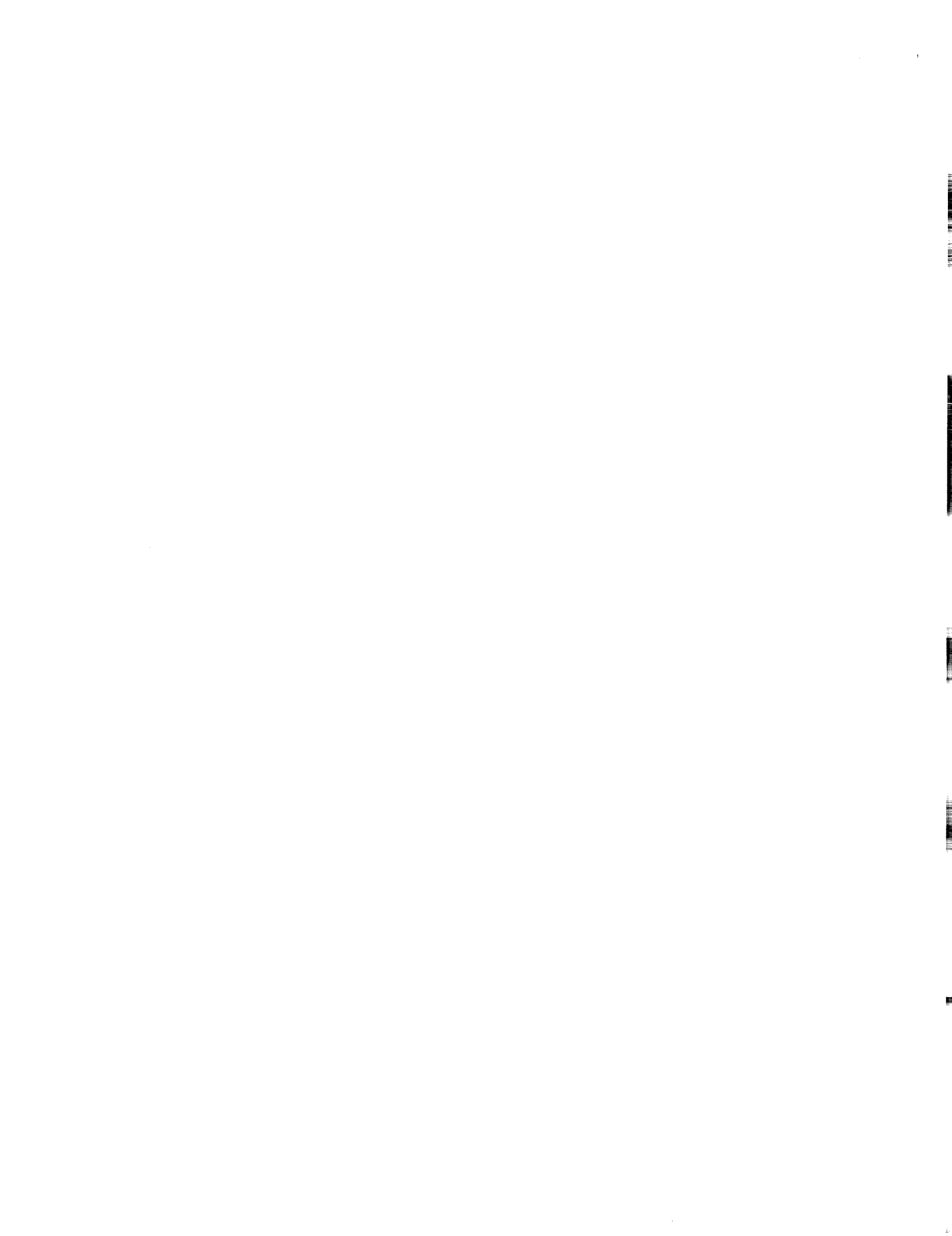
Attachment A

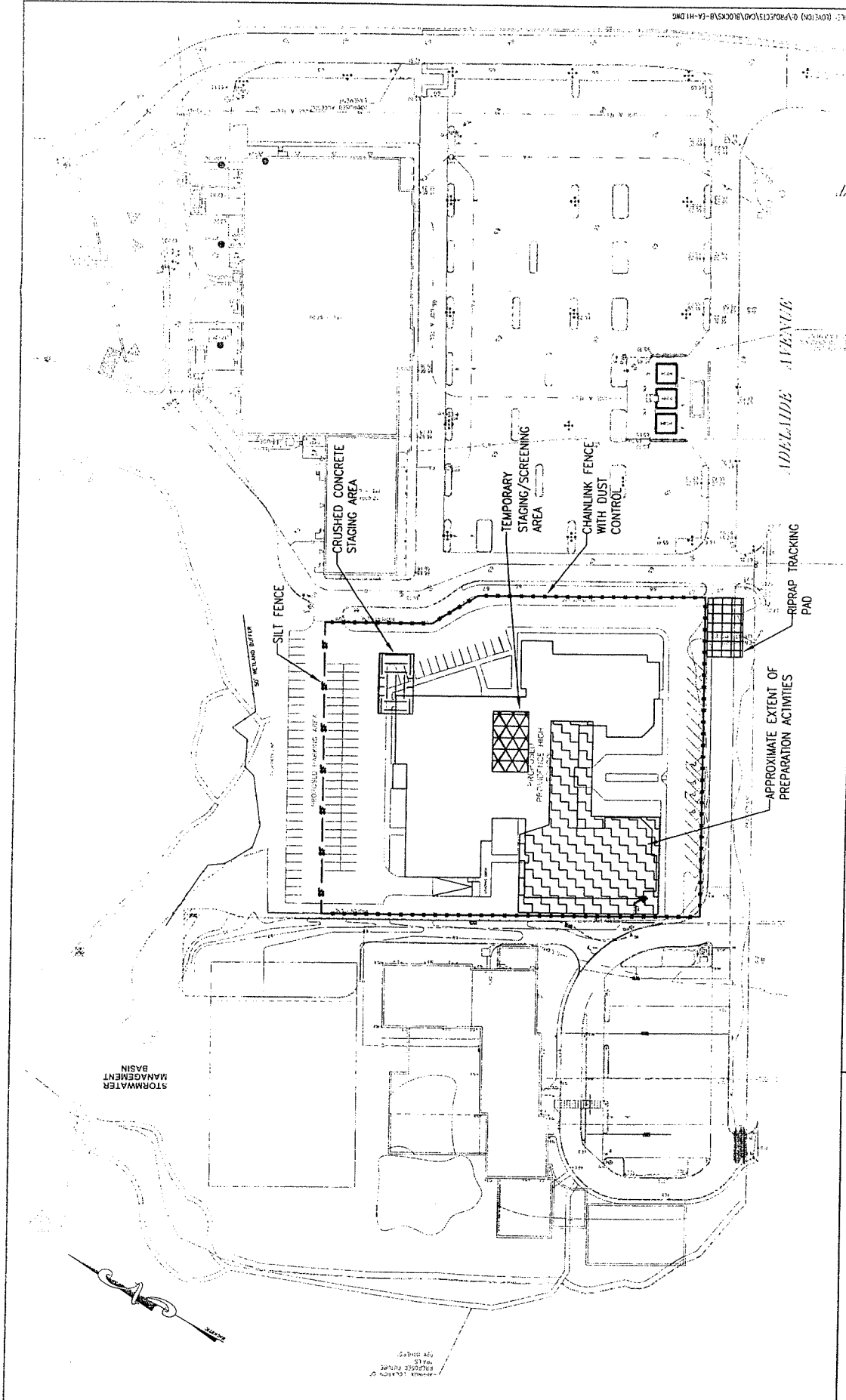
Figure – Lateral Extent of Site Preparation Activities




Attachment B

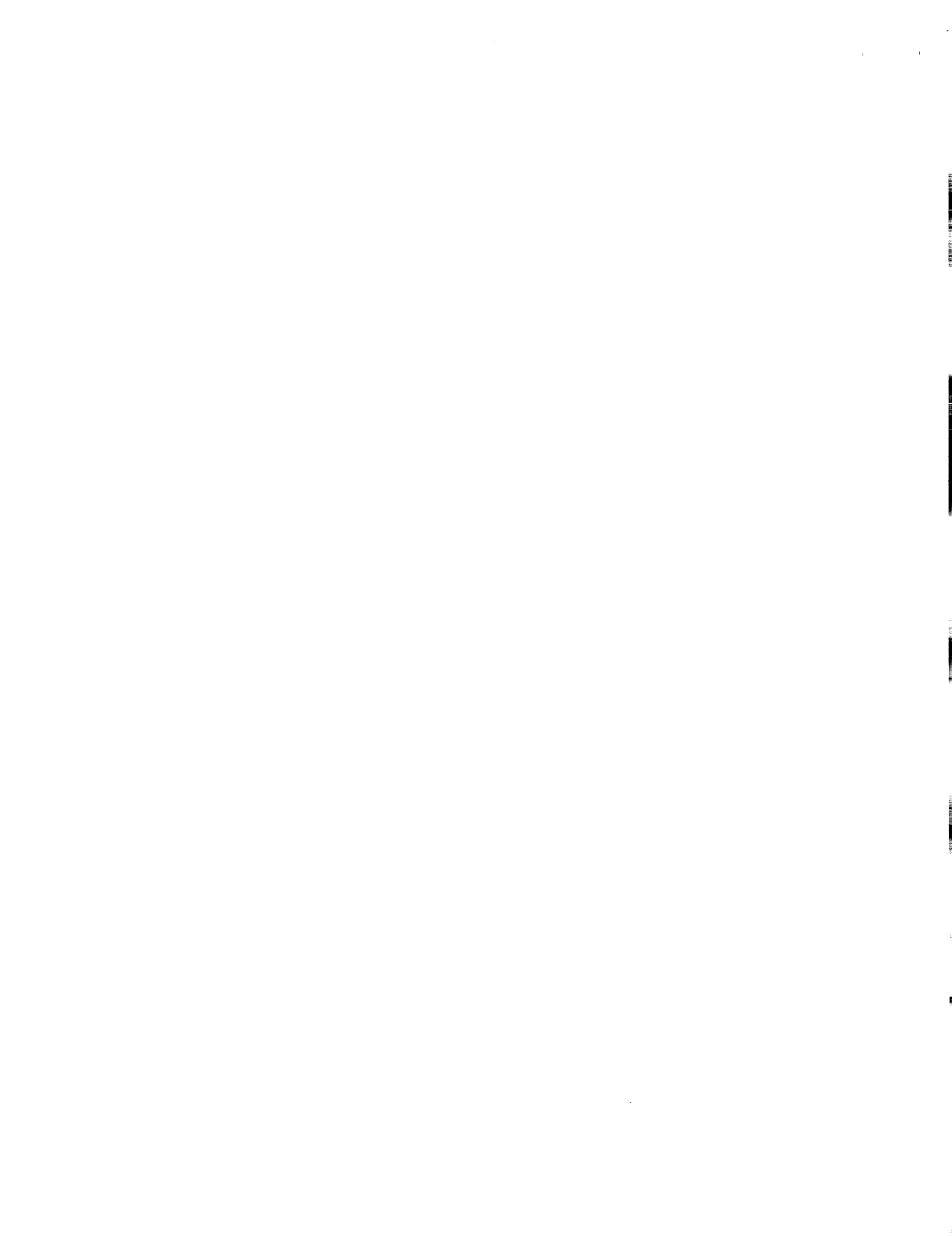
Rip Rap Documentation





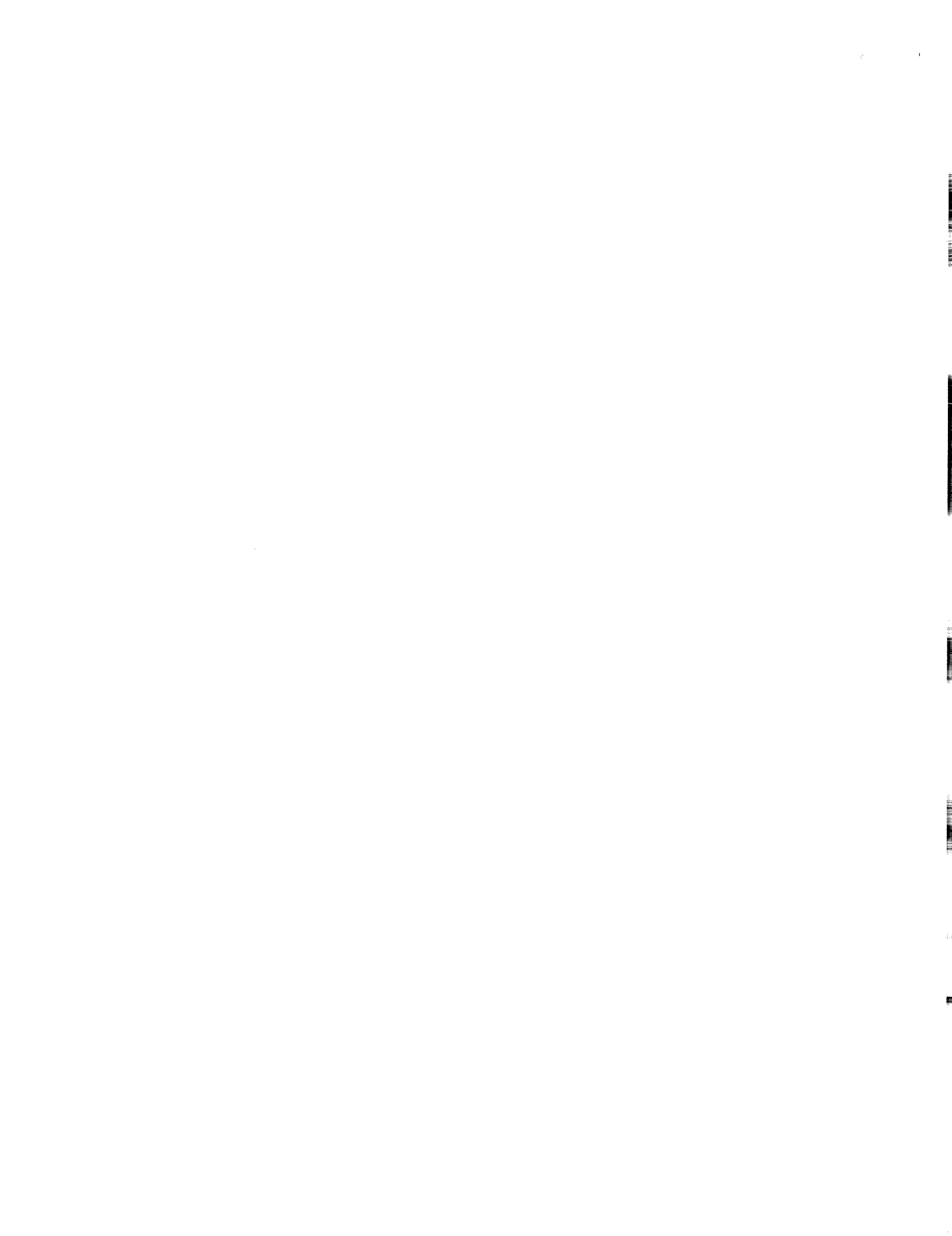
 EA ENGINEERING, SCIENCE, AND TECHNOLOGY	FORMER CORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B <small>PROVIDENT, BRIDGE 151410</small>		SITE PREPARATION ACTIVITIES		
	ISSUED BY JAP	DRAWN BY WEL	DATE 6-7-05	PROJECT NO. 61955.01	SHEET NAME B-EA-HI
	CHECKED BY JAP	PROJECT MGR. TR	SCALE 1" = 100'	DRAWING NO. -	FIGURE FOUR

FILE: \\PROJECTS\PROJECTS\BROOKSB-EA-HI.DWG



Attachment C

Bills of Lading for Debris Disposal





PLANT LOCATIONS: LUNENBURG, MA • (978) 582-5200
 ACUSHNET, MA • (508) 992-3542
 DRACUT, MA • (978) 454-7878
 CRANSTON, RI • (401) 942-7300

1958554

ORDER NO. 1958554
 DATE 10/15/88
 TIME 10:11
 ORDER TYPE: NEW
 ORDER NO. 1958554
 ORDER DATE: 10/15/88
 ORDER TIME: 10:11

OLD TO:
 ORDER NO. 1958554
 ORDER DATE: 10/15/88
 ORDER TIME: 10:11
 ORDER TYPE: NEW
 ORDER NO. 1958554
 ORDER DATE: 10/15/88
 ORDER TIME: 10:11

ACCOUNT	MIX	TRUCK	TONS	PRODUCT DESCRIPTION
1958554	112	202449	20.39	4" - 10" RIPRAP R3 R4 L30

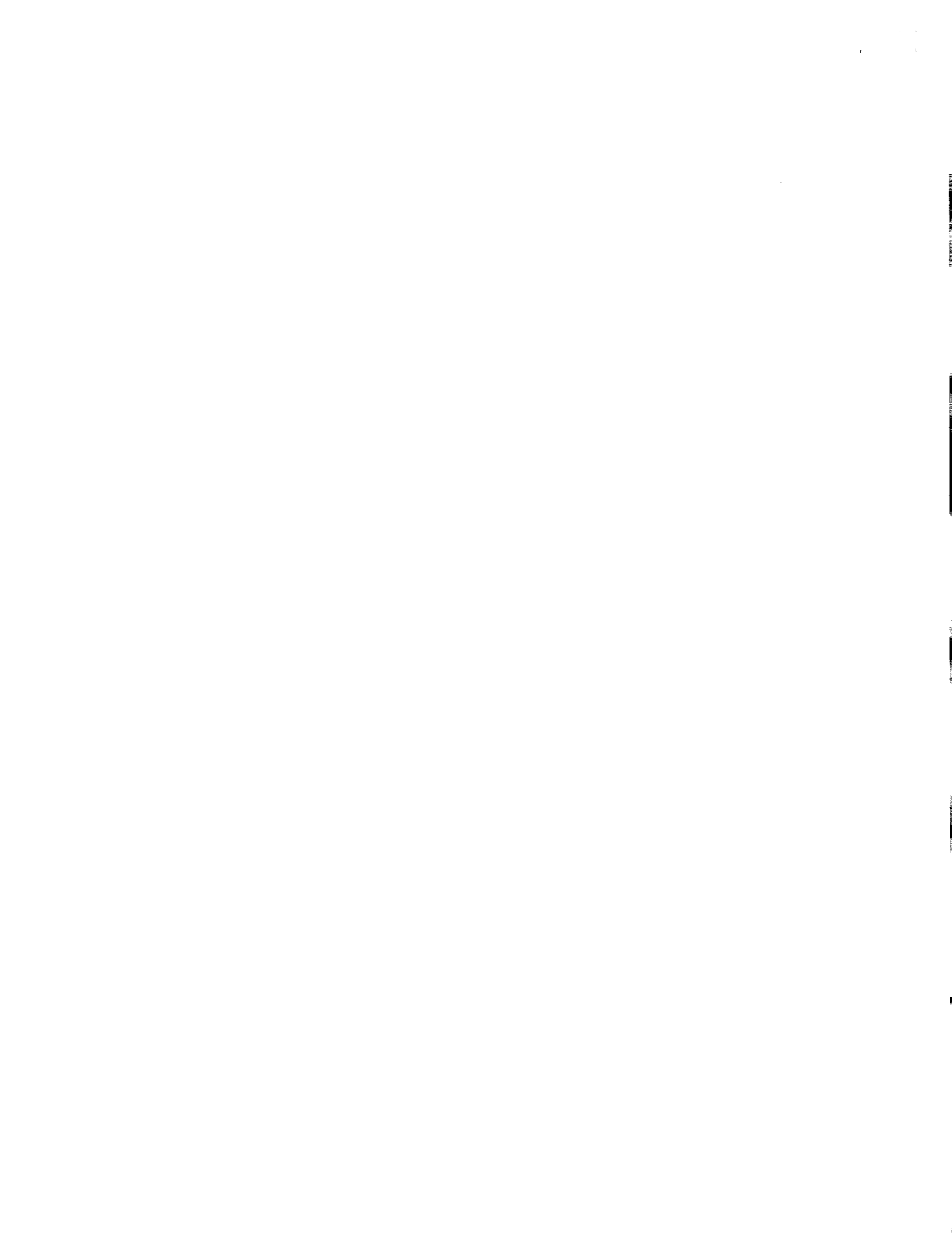
20.39 TONS 4" - 10" RIPRAP

Except as is expressly set forth herein, there are no warranties expressed or implied, which extend beyond the description on the face hereof. The purchaser agrees that implied warranties of merchantability or of fitness for particular purpose are excluded from the transaction and shall not apply to the material sold hereunder.
 The purchaser shall provide suitable roadways to points of delivery other than on paved roads and delivery shall be to the curblin. If the job requires placement of the materials beyond the curblin of city streets or roadways, then damage occurring thereafter including damage to the truck, shall be the responsibility of the purchaser. The effect of climatic conditions on the Bituminous Concrete shall be the sole responsibility of the purchaser. Any sampling and testing of the material must be in strict accordance with applicable specifications.

GRAND TOTAL:	35.39 Tons	70,780 LB	35,106 cu yd	Normal wt.
TARE:	15.00 Tons	30,000 LB	15,000 cu yd	Normal wt.
NET:	20.39 Tons	40,780 LB	20,106 cu yd	

509
2998

RECEIVED BY: _____ DRIVER NAME: _____
 CUSTOMERS ARE RESPONSIBLE FOR COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THOSE RELATING TO INSPECTIONS, WEIGHT LIMITATIONS, TARPS, ALL APPLICABLE INSPECTION AUTHORITIES, AND THE VEHICLE CODE. DRIVERS SHALL BE RESPONSIBLE TO INDEMNIFY AND HOLD HARMLESS P.J. KEATING CO., ITS SUBSIDIARIES AND DIVISIONS, REPRESENTATIVES, OFFICERS, DIRECTORS, AGENTS AND EMPLOYEES FROM ANY AND ALL LIABILITY RESULTING FROM VIOLATIONS.
 FRESHLY MIXED BITUMINOUS CONCRETE MAY CAUSE INJURY. AVOID CONTACT WHERE POSSIBLE. KEEP OUT OF REACH OF CHILDREN.
 "AN EQUAL OPPORTUNITY EMPLOYER"
 CUSTOMER



A. Korey Construction

54 Narragansett Ave.
Providence, RI 02907

PH:401/941-4893 FX:401/467-8057

NUMBER: 504-5

DATE: 5/14/05

PAGE 1 OF 1

Below listed are changes in our contract price, this change order will be held in suspense status until receipt of written approval or this RCO is signed by an authorized representative.

Project: Gorham School Adelelalde Avenue Providence, RI 02907	PROJECT NO.: 504
PH:	DESCRIPTION:
Fax:	

Application for increases (or decreases) in contract price are as follows:

Provided by Contractor: **A. Korey Construction Corp.**

Scope of Work: **CONCRETE DISPOSAL**

QTY	UNIT	DESCRIPTION OF WORK	UNIT	DECREASE	INCREASE
19.38	TNS	SLIP #1008			
14.33	TNS	SLIP #9343			
13.85	TNS	SLIP #1699			
13.80	TNS	SLIP #1418			
81.36	TNS	TOTAL TONNAGE			

TOTAL THIS CHANGE ORDER: -

NET THIS CHANGE ORDER: [REDACTED]

CONTRACTOR'S FEE: [REDACTED]

TOTAL CHANGE: [REDACTED]

0.00%

SUBMITTED BY: Rand Santos SIGNED: _____ Date: 4/5/05

APPROVED BY: _____ SIGNED: _____ Date: _____

A. Korey Construction

54 Narragansett Ave
 Providence, RI 02907
 PH:401/941-4893 FX:401/467-8057

NUMBER: 504-3
 DATE: 5/14/05
 PAGE 1 OF 1

Below listed are changes in our contract price, this change order will be held in suspense status until receipt of written approval or this RCO is signed by an authorized representative.

Project:
Gorham School
Adelelaide Avenue
Providence, RI 02907

PROJECT NO.: 504
DESCRIPTION:

PH: Fax:

Application for increases (or decreases) in contract price are as follows:

Provided by Contractor: **A. Korey Construction Corp.**

Scope of Work: **DEBRIS DISPOSAL**

QTY	UNIT	DESCRIPTION OF WORK	UNIT	DECREASE	INCREASE
16.42	TNS	SLIP #0740			
28.06	TNS	SLIP #0433			
20.21	TNS	SLIP #0420			
20.04	TNS	SLIP #0481			
20.86	TNS	SLIP #0682			
14.77	TNS	SLIP #0574			
13.11	TNS	SLIP #0763			
13.26	TNS	SLIP #0855			
5.81	TNS	SLIP #6862			
17.25	TNS	SLIP #9354			
16.05	TNS	SLIP #8236			
20.73	TNS	SLIP #8260			
19.82	TNS	SLIP #8345			
23.42	TNS	SLIP #6051			
15.45	TNS	SLIP #6047			
20.91	TNS	SLIP #7101			
25.02	TNS	SLIP #7103			
17.61	TNS	SLIP #6016			
10.70	TNS	SLIP #7158			
16.26	TNS	SLIP #6764			
14.04	TNS	SLIP #6760			
19.46	TNS	SLIP #9118			
31.54	TNS	SLIP #8214			
420.80		TOTAL TONS			
50.00		OWED BY CONTRACT			
370.80		TOTAL ADDITIONAL TONS			

TOTAL THIS CHANGE ORDER: _____
 NET THIS CHANGE ORDER: _____
 CONTRACTOR'S FEE: _____
 TOTAL CHANGE: _____

0.00%

SUBMITTED BY: Rand Santos SIGNED: _____ Date: 4/5/05

APPROVED BY: _____ SIGNED: _____ Date: _____



PLANT LOCATIONS: LUNENBURG, MA • (978) 582-5200
 ACUSHNET, MA • (508) 992-3542
 DRACUT, MA • (978) 454-7878
 CRANSTON, RI • (401) 942-7300

1958554

PLANT ID: 000013
 05/10/2005
 15.12

P.J. KEATING INC.
 375 PHENIX AVE.
 CRANSTON, R.I. 02921

1958554

SOLD TO:

C-633 CRANSTON

3. KUBLY CONSTRUCTION CO
 55 NARRAGANSETT AVE.
 30 PER MT 3-25-03
 PROVIDENCE RI

JOB ID
 010-0001

504
 GORHAM SCHOOL
 PROVIDENCE, R.I.

ACCOUNT	MIX	TRUCK	TONS	PRODUCT DESCRIPTION
189059	3-112	Z22489	20.39	4"-10" RIPRAP R3/R4 [B]

20.39
 TONS

4" - 10" RIPRAP

Except as is expressly set forth herein, there are no warranties expressed or implied, which extend beyond the description on the face hereof. The parties agree that implied warranties of merchantability or of fitness for particular purpose are excluded from the transaction and shall not apply to the product sold hereunder.

The purchaser shall provide suitable roadways to points of delivery other than on paved roads and delivery shall be to the curblin. If the job requires placement of the materials beyond the curblin of city streets or roadways, then damage occurring thereafter including damage to the truck, shall be the responsibility of the purchaser. The effect of climatic conditions on the Bituminous Concrete shall be the sole responsibility of the purchaser. Any sampling and testing of the material must be in strict accordance with applicable specifications.

GRASS:	35.39Ton	70,780 lb	=	32,106 kg	Manual Wt.
TARE:	15.00Ton	30,000 lb	=	13,608 kg	Manual Wt.
NET:	20.39Ton	40,780 lb	=	18,498 kg	

504

2998

PLANT ID: 000013
 Total Tons: 20.39TON

WITHIN PERIOD

RECEIVED BY:

DRIVER NAME

NOTICE: CUSTOMERS ARE RESPONSIBLE FOR COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THOSE RELATING TO INSPECTIONS, WEIGHT LIMITATIONS, TARPS, ALL APPLICABLE INSPECTION AUTHORITIES, AND THE VEHICLE CODE. DRIVERS AGREE TO INDEMNIFY AND HOLD HARMLESS P.J. KEATING CO., ITS SUBSIDIARIES AND DIVISIONS, REPRESENTATIVES, OFFICERS, DIRECTORS, AGENTS AND EMPLOYEES FROM ANY AND ALL LIABILITY RESULTING FROM VIOLATIONS.

AUTION: FRESHLY MIXED BITUMINOUS CONCRETE MAY CAUSE INJURY. AVOID CONTACT WHERE POSSIBLE. KEEP OUT OF REACH OF CHILDREN

"AN EQUAL OPPORTUNITY EMPLOYER"
 CUSTOMER

RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL ANDELL

100131008

RECEIPT DOCUMENT NUMBER

100131008
 DIVISION 0000000000
 RECEIPT DATE 05/23/70

1. **ROBERT CONSTRUCTION CORP.**
 24 HERRINGCHASE ST. AVENUE
 PROVIDENCE, RHODE ISLAND 02907

2. **ROBERT CONSTRUCTION CORP.**
 24 HERRINGCHASE ST. AVENUE
 PROVIDENCE, RHODE ISLAND 02907

WHEEL	WHEEL	ET	QTY	IN	SCALE	LBS	SCALE	LBS
					Scale	20000 LBS		20000 LBS
					Scale	12,310 LBS		12,310 LBS

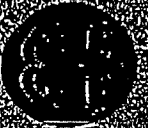
19. **100131008** **COMMONWEALTH WHITE** **NON-H** **TON** **\$55.00** **\$1,239.70**

Comments: *WOOD*

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares under penalty of perjury that the waste described in this receipt is for Hazardous Waste, does not contain any other hazardous waste, and complies with all applicable laws and regulations.

DRIVER NAME: **PRINT** SIGNATURE: **PRINT** \$1,239.70



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL AND
SOUTH
1000 SHAWMUT
CORPORATION
500 WEST WASHINGTON STREET
PROVIDENCE, RHODE ISLAND 02902

1001253418
RECEIPT DOCUMENT NUMBER

6-10627619
A. KURTZ CONSTRUCTION CORP.
57 MARRIAGESETT AVENUE
PROVIDENCE, RI 02907

DESCRIPTION	QUANTITY	UNIT	WEIGHT	PRICE	TOTAL
CONCRETE	1	TON	2000 LBS	\$65.00	\$130.00

DECLARATION REGARDING WASTE DELIVERY

I, the undersigned, declare under penalty of perjury that I am the owner of the waste delivered to the Central Landfill in the State of Rhode Island. I have read and understand the terms and conditions of the Waste Transfer Agreement and I have signed the same. I have read and understand the terms and conditions of the Waste Transfer Agreement and I have signed the same. I have read and understand the terms and conditions of the Waste Transfer Agreement and I have signed the same.

DRIVER NAME: [REDACTED]
SIGNATURE: [REDACTED]

RHODE ISLAND RESOURCE RECOVERY CORPORATION
 100131699
 RECEIPT DOCUMENT NUMBER

ROBERT M. MONROE
 600 WEST MAIN STREET
 SUITE 100
 PROVIDENCE, RI 02902

F. KUCI 7649
 A. KONEY CONSTRUCTION CORP.
 24 MARRASSETT AVENUE
 PROVIDENCE, RI 02907

DECLARATION REGARDING WASTE DELIVERY
 We understand, declare and certify that 100% of the waste material in this container was generated and collected in Rhode Island, and that the waste material does not contain any hazardous waste as defined by the applicable regulatory provisions.

RIVER NAME: _____
 TINT: _____
 SIGNATURE: _____

WEIGHT: 1650.00 LBS
 TOTAL: 1650.00 LBS

DATE: 5/23/05
 TIME: 08:10 AM



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 CORPORATE OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0289

100128214
RECEIPT DOCUMENT NUMBER

A-K0877619
D KOREY CONSTRUCTION CORP.
54 HARRINGTON AVENUE
PROVIDENCE, RI 02907

B&B 075999
D&B CONSTRUCTION SERVICES, INC.
99 RESERVE DRIVE
PROVIDENCE, RI 02907

DATE	DESCRIPTION	QUANTITY	UNIT	WEIGHT	TYPE	REMARKS
5/12/05	024018P RTT	0514454	JP	105040 LBS	Soils	6.3000 LBS
				21.30 TONS	Soils	31.54 TONS
05/04/07	Transfer Trailer	05002-0	1	000000		
11/04	SLUDGE TRIT/TRES		TON	465,000		42,050,119
Comments:						

DECLARATION REGARDING WASTE DELIVERY
 The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME
 PRINT

SIGNATURE *[Signature]*

42,050,119

HUIOBE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL ISLAND
 WASTE TO ENERGY
 PROJECT
 100131416
 RECEIPT DOCUMENT NUMBER

WASTE RECEPTION CORP.
 100131416
 PUNAHOU, HI 96950-1909

DATE	DESCRIPTION	WEIGHT (LBS)	WEIGHT (LBS)
05/23/05		132,000	

DECLARATION REGARDING WASTE DELIVERY

The undersigned hereby declares that the above-described waste has been delivered to the Central Island in the
 vehicle and on the date above stated. The undersigned hereby certifies that the waste is not a hazardous waste as defined by 40 CFR 261.2 for the purposes of the Resource Conservation and Recovery Act (RCRA) and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as amended by the Superfund Amendments and Reauthorization Act (SARA).

DRIVER NAME:
 PRINT

SIGNATURE: [Signature]

1037.09

Received Time May 23 6:58AM



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
CORPORATE OFFICE 942-1430
SCALEHOUSE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

100129110

RECEIPT DOCUMENT NUMBER

010277619
A KOREY CONSTRUCTION CORP.
74 HARRISANSETT AVENUE
PROVIDENCE, RI 02907

010277619
A KOREY CONSTRUCTION CORP.
74 HARRISANSETT AVENUE
PROVIDENCE, RI 02907

5/12/05	13:52:17	TC	14:00:00	TR	65300 LBS Scale 32.65 Tons	26300 LBS Scale 13.19 Tons	3900 LBS 19.50 Tons	
1			Pickup/Day		Landfill Inbound			
19-06	191	COMMERCIAL WASTE - NON-H			465.000	41,254.00		
<p>DECLARATION REGARDING WASTE DELIVERY</p> <p>The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.</p>								
DRIVER NAME: PRINT							SIGNATURE 	41,254.00



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 CORPORATE OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0239

700006760

RECEIPT DOCUMENT NUMBER

A K0277613
 A KOREY CONSTRUCTION CORP.
 34 MERRIMANSETT AVENUE
 PROVIDENCE, RI 02907

A K0277613
 A KOREY CONSTRUCTION CORP.
 34 MERRIMANSETT AVENUE
 PROVIDENCE, RI 02907

Scale	Scale	Scale	Scale	Scale	Scale
5712702	115657	12103452	54540 LBS	26450 LBS	20000 LBS
	EP	EP	Scale	Scale	Scale
			27.87 tons	13.23 tons	14.04 tons
LANDFILL					
Inbound					
14.04	370	C&D RECOVERY	ton	147.75	1670.41

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME _____ SIGNATURE *E. M. [Signature]*

1670.41



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
CORPORATE OFFICE 942-1480
SCALEHOUSE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

700006764

RECEIPT DOCUMENT NUMBER

0 K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI 02907

0 K0277619
A KOREY CONSTRUCTION CORP.
54 NARRAGANSETT AVENUE
PROVIDENCE, RI 02907

DATE	TIME	EP	RECEIVED BY	SCALE	WEIGHT	SCALE	WEIGHT	SCALE	WEIGHT	
12/14/94	12:43 PM	EP	12/14/94	Scale	29.47 Tons	Scale	13.21 Tons	Scale	16.26 Tons	
LANDFILL Inbound										
16.26	3:20	COD RECOVERY							8776.32	
Comments:										
<p>DECLARATION REGARDING WASTE DELIVERY</p> <p>The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.</p>										
DRIVER NAME <u>E. Mast</u> SIGNATURE <u>[Signature]</u>								TOTAL WEIGHT		8776.42



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
CORPORATE OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

100127150

RECEIPT DOCUMENT NUMBER

0 K0277612
O KOREY CONSTRUCTION CORP.
54 MANSFORDSETT AVENUE
PROVIDENCE, RI 02907

0 K0277619
O KOREY CONSTRUCTION CORP.
54 MANSFORDSETT AVENUE
PROVIDENCE, RI 02907

0 K0277612	0 K0277619	Manual	Scale	10.30 Tons
54 MANSFORDSETT AVENUE PROVIDENCE, RI 02907	54 MANSFORDSETT AVENUE PROVIDENCE, RI 02907	24.06 Tons	13.36 Tons	10.30 Tons
Inbound				
DECLARATION REGARDING WASTE DELIVERY				
The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.				
Comments	Signature			
	DRIVER NAME PRINT			
	SIGNATURE			

100127150



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 JOHNSTON OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0239

100126016

RECEIPT DOCUMENT NUMBER

A 40277619
 A KORB CONSTRUCTION CORP.
 74 NORRANSONETT AVENUE
 PROVIDENCE, RHODE ISLAND

A 40277619
 A KORB CONSTRUCTION CORP.
 74 NORRANSONETT AVENUE
 PROVIDENCE, RHODE ISLAND

712703	06:03:07	PH	06115140	PH	27160 LBS Scale	41340 LBS Scale	17.01 Tons	17.01 Tons			
860102		Transfer Trailer		18240	Landfill Inbound						
17.01	101	COMMERCIAL WASTE - NON-H							17.01	46% RH	41,147.72
Comments:											
<p>DECLARATION REGARDING WASTE DELIVERY</p> <p>The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.</p>											
DRIVER NAME <u>E. M. G. W. J.</u> SIGNATURE <u>[Signature]</u>										17,177.25	

509



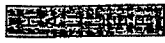
RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02819
CORPORATE OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

100127103

RECEIPT DOCUMENT NUMBER

A K0277612
A KOREY CONSTRUCTION CORP.
54 MARGONSETT AVENUE
PROVIDENCE, RI 02907



A K0277619
A KOREY CONSTRUCTION CORP.
54 MARGONSETT AVENUE
PROVIDENCE, RI 02907

777700	05/01/97	101	45000 LBS	Scale	45.30 Tons	21.20 Tons	25.92 Tons
Tubband							
101 CENTRAL LANDFILL							
101 CENTRAL LANDFILL							

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

COMPANY: *Korey*

DRIVER NAME: *Forrest M. M...*

SIGNATURE: _____

PRINT

RI, 6/20/97



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
JOHNSTON OFFICE 942-1480
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0289

100127101

RECEIPT DOCUMENT NUMBER

A K0277619
A KOREY CONSTRUCTION CORP.
74 HARRINGTON AVENUE
PROVIDENCE, RI 02907

A K0277619
A KOREY CONSTRUCTION CORP.
74 HARRINGTON AVENUE
PROVIDENCE, RI 02907

DATE	DESCRIPTION	SCALE	WEIGHT	REMARKS
07/17/03	RECYCLED	Scale	41.52 tons	
07/17/03	RECYCLED	Scale	20.31 tons	
07/17/03	RECYCLED	Scale	20.31 tons	

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME
PRINT

SIGNATURE

E. Mouton

100127101



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 CORPORATE OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0239

100126047

RECEIPT DOCUMENT NUMBER

4 K0277619
 A KOREY CONSTRUCTION CORP.
 54 MARRAGONSETT AVENUE
 PROVIDENCE, RI 02907

A K0277619
 A KOREY CONSTRUCTION CORP.
 54 MARRAGONSETT AVENUE
 PROVIDENCE, RI 02907

DATE	TIME	PH	SCALE	SCALE	SCALE	SCALE	SCALE	SCALE			
07/10/95	06:11:40	K02	0633403	57740 LBS	Scale	23.07 Tons	26840 LBS	Scale	13.92 Tons	09300 LBS	15.15 Tons
<p>15.45 101 COMMERCIAL WASTE - R011K</p> <p>Landfill</p> <p>Job</p> <p>45.501</p> <p>41,894.25</p>											
<p>Comments:</p> <p>504</p>											

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME
 PRINT

SIGNATURE

[Signature]

PL 0104, 07



RHODE ISLAND RESOURCE RECOVERY CORPORATION

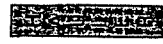
CENTRAL LANDFILL
65 SHUN PIKE
JOHNSTON, RI 02919
CORPORATE OFFICE 942-1430
CORPORATE FAX NO. 946-5174
SCALEHOUSE FAX NO. 942-0239

100126051

RECEIPT DOCUMENT NUMBER

0 K0277619

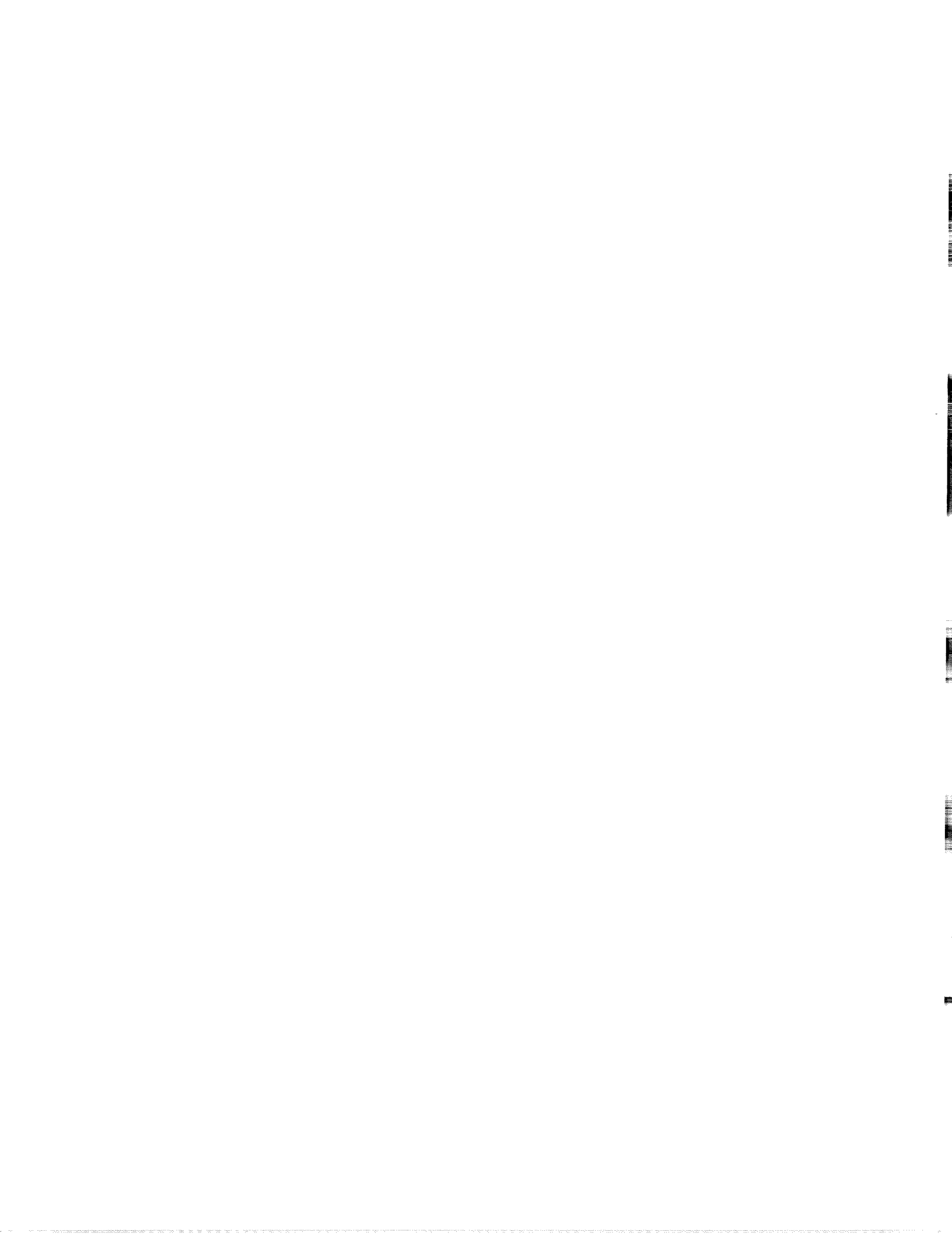
0 FOREY CONSTRUCTION CORP.
54 MARQUANSETT AVENUE
PROVIDENCE, RI 02907



0 K0277619

0 FOREY CONSTRUCTION CORP.
54 MARQUANSETT AVENUE
PROVIDENCE, RI 02907

37127884	06135501	PH	02149 LBS Scale	44.57 tons	46309 LBS Scale 21.15 tons	46309 LBS	23.42 tons
Inbound							
101 COMMERCIAL WASTE - HUNK							
564							
Comments:							
DECLARATION REGARDING WASTE DELIVERY							
The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island; is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.							
DRIVER NAME PRINT							SIGNATURE <i>David White</i>
							PL 942-300





RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 JOHNSTON OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0239

100120345

RECEIPT DOCUMENT NUMBER

0 K0277619
 O KOREY CONSTRUCTION CORP.
 54 HARRISONSETT AVENUE
 PROVIDENCE, RI02907

0 K0277619
 O KOREY CONSTRUCTION CORP.
 54 HARRISONSETT AVENUE
 PROVIDENCE, RI02907

DATE	TIME	VEHICLE	SCALE	WEIGHT (LBS)	WEIGHT (TONS)
12/12/95	07:37:44	10	6060 Scale	25429 LBS	13.21 Tons
12/12/95	07:40:57	400	6060 Scale	465,000	21,200 Tons

19.02
 Comments
 COMMERCIAL WASTE - NON-K
 Ton
 41,200.30

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME
 PRINT

SIGNATURE *C. M. S.*

41,200.30



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 JOHNSTON OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0239

100120260

RECEIPT DOCUMENT NUMBER

A 10277619
 A KOREY CONSTRUCTION CORP.
 74 MARRAGANSETT AVENUE
 PROVIDENCE, RI 02907

A 10277619
 A KOREY CONSTRUCTION CORP.
 74 MARRAGANSETT AVENUE
 PROVIDENCE, RI 02907

5/12/05	06:29:4	SF	06:40:50	TR	67940 LBS Scale 33.37 tons	26400 LBS Scale 13.24 tons	11460 LBS	20.73 Tons
1		Dump Truck		Landfill				
20.73		101		COMMERCIAL WASTE - NON-K		Ton		457.00
Comments:								11,347.27

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME
 PRINT

E. M. J.

SIGNATURE

5/12/05



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 JOHNSTON OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0239

100128236

RECEIPT DOCUMENT NUMBER

A 108277619
 A KOREY CONSTRUCTION CORP.,
 54 NARRAGANSETT AVENUE
 PROVIDENCE, RI 02907

A K0877619
 A KOREY CONSTRUCTION CORP.,
 54 NARRAGANSETT AVENUE
 PROVIDENCE, RI 02907

Vehicle Number	Weight	Scale	Scale	Scale	Scale	Scale	Scale	Scale
5412705	0610311	5F	0612515	TR	6660 LBS	Scale	33.33 Tons	16.05 Tons
					10560 LBS	Scale	17.29 Tons	16.05 Tons

Vehicle Number	Weight	Scale	Scale	Scale	Scale	Scale	Scale	Scale
16.05	101	COMMERCIAL WASTE - NON-H						\$1,043.25

DECLARATION REGARDING WASTE DELIVERY
 The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

Comments: _____

DRIVER NAME: _____
 PRINT

SIGNATURE: _____
 SIGNATURE

#1, 043, 25



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02819
 JOHNSTON OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0239

100129354

RECEIPT DOCUMENT NUMBER

0 00277619
 A KOREY CONSTRUCTION CORP.,
 54 MARQUENNETT AVENUE
 PROVIDENCE, RHODEISLAND

0 00277619
 A KOREY CONSTRUCTION CORP.,
 54 MARQUENNETT AVENUE
 PROVIDENCE, RHODEISLAND

DATE	TRUCK #	WEIGHT	SCALE	WEIGHT	SCALE	WEIGHT	SCALE
5/13/05	0611A10	15M	0611A14	TP	25228 LBS	Scale	34500 LBS
					20.71 Tons	Scale	17.25 Tons
2 Transfer Trailer							
Landfill inbound							
17.25	101	COMMERCIAL WASTE - NON-K				Ton	11,121.25
Exhibits							

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME
 PRINT

David Medina

SIGNATURE

100129354



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 JOHNSTON OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0239

700006862

RECEIPT DOCUMENT NUMBER

0 K0277612
 A KUREY CONSTRUCTION CORP.
 54 HARRISONSETT AVENUE
 PROVIDENCE, RI 02207

0 K0277612
 A KUREY CONSTRUCTION CORP.
 54 HARRISONSETT AVENUE
 PROVIDENCE, RI 02207

TRUCK #	WEIGHT	SCALE	WEIGHT	SCALE	WEIGHT	SCALE	WEIGHT	SCALE
3213702	12200 LBS	Scale	24.19 Tons	38700 LBS	Scale	10.30 Tons	5.01 Tons	
<p>Comments: EMERGENCY</p>								
370	EMERGENCY							

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME
 PRINT _____

SIGNATURE _____

0277612



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 JOHNSTON OFFICE 942-1480
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0239

100130085

RECEIPT DOCUMENT NUMBER

A 1020016
 G KUREY CORPORATION
 30 NORFOLK STREET
 PROVIDENCE, RI 02907

A 1020019
 G PERE DISTRIBUTION CORP.
 53 HUNTINGTON STREET
 SCITUADE, RI 02886

DATE	DESCRIPTION	WEIGHT (LBS)	WEIGHT (Tons)	REMARKS
11-20-1986	Pickup Van	3790 LBS	16.2 Tons	
		1615	0.7 Tons	
		7520 LBS	3.4 Tons	
Landfill Entrance				
12-28-1986	COMMERCIAL WASTE TRUCK			
		1500 LBS	0.7 Tons	

DECLARATION REGARDING WASTE DELIVERY
 The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME: [Signature]
 PRINT: _____
 SIGNATURE: [Signature]

100130085



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 JOHNSTON OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0239

100130763

RECEIPT DOCUMENT NUMBER

A K0277619
 A KOREY CONSTRUCTION CORP.
 54 NARRAGANSETT AVENUE
 PROVIDENCE, RI 02907-

A K0277619
 A KOREY CONSTRUCTION CORP.
 54 NARRAGANSETT AVENUE
 PROVIDENCE, RI 02907-

DATE	TIME	ORIG	DEST	TYPE	WEIGHT	SCALE	WEIGHT	SCALE	WEIGHT	
5/14/05	09:51:21	EF	10106127	LEM	59520 LBS Scale	3300 LBS Scale	26220 LBS	16.65 Tons	13.11 Tons	
VEHICLE NUMBER		TRAILER		TYPE		REMARKS				
1		Pickup/Van		Landfill		Inbound				
13.11	101	COMMERCIAL WASTE - NON-K				Ton	\$65.00	\$852.15		
Comments:										
DECLARATION REGARDING WASTE DELIVERY										
The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.										
DRIVER NAME PRINT		LOUIS ALBERT			SIGNATURE		[Signature]			\$852.15



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 JOHNSTON OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SOALEHOUSE FAX NO. 942-0239

100130574

RECEIPT DOCUMENT NUMBER

A K0277619
 A KOREY CONSTRUCTION CORP.
 54 NARRAGANSETT AVENUE
 PROVIDENCE, RI 02907

A K0277619
 A KOREY CONSTRUCTION CORP.
 54 NARRAGANSETT AVENUE
 PROVIDENCE, RI 02907

DATE	TIME	SP	ORIGIN	UNIT	SCALE	SCALE	SCALE
5/14/85	07:51:32	SP	00:00:57	LBM	63000 LBS Scale	33460 LBS Scale	29540 LBS
					31.50 Tons	15.73 Tons	14.77 Tons
KOREY		Pickup/Van		A KOREY	Landfill Inbound		
14.77	101	COMMERCIAL WASTE - NON-K			Ton	\$65.00	\$960.05
<p>DECLARATION REGARDING WASTE DELIVERY The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain an excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.</p>							
RIVER NAME	Louis Armand			SIGNATURE	1969.05		



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 JOHNSTON OFFICE 942-1430
 CORPORATE FAX NO. 846-5174
 SCALEHOUSE FAX NO. 942-0239

100130682

RECEIPT DOCUMENT NUMBER

A K0277619
 A KOREY CONSTRUCTION CORP.
 54 NARRAGANSETT AVENUE
 PROVIDENCE, RI 02907-

A K0277619
 A KOREY CONSTRUCTION CORP.
 54 NARRAGANSETT AVENUE
 PROVIDENCE, RI 02907-

DATE	TIME	TYPE	WEIGHT	SCALE	WEIGHT	SCALE	WEIGHT
5/14/85	08:50:35	EF	09:12:26	LSM	76900 LBS Scale	35260 LBS Scale	41720 LBS 20.06 Tons
VEHICLE NUMBER		VEHICLE TYPE		LANDFILL			
1		Pickup/Van		Inbound			
20.86	101	COMMERCIAL WASTE - NON-K			Ton	\$65.00	\$1,355.90
Comments:							
<p>DECLARATION REGARDING WASTE DELIVERY The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.</p>							
DRIVER NAME PRINT: Louis Aguirre					SIGNATURE: <i>[Signature]</i>		\$1,355.90



RHODE ISLAND RESOURCE RECOVERY CORPORATION

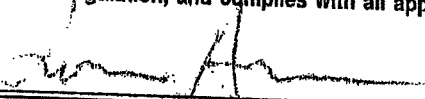

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 JOHNSTON OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0239

100130481

RECEIPT DOCUMENT NUMBER

A K0277619
 A KOREY CONSTRUCTION CORP.
 54 HARRADANSETT AVENUE
 PROVIDENCE, RI 02907-

A K0277619
 A KOREY CONSTRUCTION CORP.
 54 HARRADANSETT AVENUE
 PROVIDENCE, RI 02907-

5/14/05	06:47:53	EF	06:59:37	LSM	75860 LBS Scale 37.63 Tons	35100 LBS Scale 17.59 Tons	40000 LBS 20.04 Tons	
1	Pickup/Van		Landfill Inbound					
20.04	101	COMMERCIAL WASTE - NON-K				Ton	\$65.00	\$1,302.60
Comments:								
<p>DECLARATION REGARDING WASTE DELIVERY The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.</p>								
DRIVER NAME PRINT		 SIGNATURE						\$1,302.60



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 JOHNSTON OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0239

100130420

RECEIPT DOCUMENT NUMBER

W. KODICK'S
 A WIRE CONSTRUCTION COPT.
 25 BARRINGTON AVENUE
 PROVIDENCE, RI 02907

W. KODICK'S
 A WIRE CONSTRUCTION COPT.
 25 BARRINGTON AVENUE
 PROVIDENCE, RI 02907

DATE	TIME	FROM	TO	TYPE	WEIGHT	VALUE	REMARKS
06/12/01	11:00	W. KODICK'S	25 BARRINGTON AVENUE	COMMERCIAL WASTE	NON-H	11,120.00	Landfill

DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME
 PRINT

John As...

SIGNATURE

John As...

06/11/01



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 JOHNSTON OFFICE 842-1430
 CORPORATE FAX NO. 846-5174
 SCALEHOUSE FAX NO. 842-0239

100130493

RECEIPT DOCUMENT NUMBER

A K0277619
 A KOREY CONSTRUCTION CORP.
 54 HARRAGANSETT AVENUE
 PROVIDENCE, RI 02907

D&B 959000
 D&B CONSTRUCTION SERVICES, THE
 90 RESERVOIR AVENUE
 PROVIDENCE, RI 02907

5/14/05	06#04154	EF	06#20#45	LSW	96920 LBS Scale	40000 LBS Scale	56120 LBS
					48.46 Tons	20.40 Tons	28.06 Tons
060427	Transfer Trailer		45086-m	Landfill Inbound			
28.06	101	COMMERCIAL WASTE - NON-H			Ton	\$65.00	\$1,823.00
Comments:							

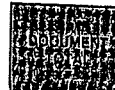
DECLARATION REGARDING WASTE DELIVERY

The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.

DRIVER NAME
 PRINT

SIGNATURE

Joseph Medeiros



11, 0/27, 00



RHODE ISLAND RESOURCE RECOVERY CORPORATION

CENTRAL LANDFILL
 65 SHUN PIKE
 JOHNSTON, RI 02919
 JOHNSTON OFFICE 942-1430
 CORPORATE FAX NO. 946-5174
 SCALEHOUSE FAX NO. 942-0239

100130740

RECEIPT DOCUMENT NUMBER

A K0277619
 A KOREY CONSTRUCTION CORP.
 54 NARRAGANSETT AVENUE
 PROVIDENCE, RI 02907-

A K0277619
 A KOREY CONSTRUCTION CORP.
 54 NARRAGANSETT AVENUE
 PROVIDENCE, RI 02907-

DATE	TIME	TYPE	TIME	UNIT	WEIGHT	WEIGHT	WEIGHT	
5/14/05	09:39:01	EF	09:49:04	LSM	59300 LBS Scale	26460 LBS Scale	12040 LBS	
					27.65 Tons	13.23 Tons	16.26 Tons	
VEHICLE NO.	Pickup/Van		Landfill Inbound					
1								
WEIGHT	UNIT	DESCRIPTION	UNIT	PRICE	TOTAL			
16.42	101	COMMERCIAL WASTE - NON-H	ton	\$65.00	\$1,067.30			
Comments:								
<p>DECLARATION REGARDING WASTE DELIVERY The undersigned declares, under penalty of perjury that 100% of the solid waste delivered to the Central Landfill in the vehicle and on the date above, was generated and collected in Rhode Island, is not Hazardous Waste, does not contain in excess of 20% recyclable material by weight, as defined by DEM regulation, and complies with all applicable laws and regulations.</p>								
DRIVER NAME PRINT: _____			SIGNATURE:					
						\$1,067.30		

Attachment D

**City of Providence Environmental Equity
Evaluation**



Department of Law

8 June 2005

Brian Wagner, Esq.
Deputy Chief Legal Counsel
Rhode Island Department of Environmental Management
235 Promenade Street
Providence, Rhode Island 02908-5767

Re: Environmental Equity Considerations for Proposed Providence Public School Site
(Former) Gorham Textron Property, 333 Adelaide Avenue, Parcel B

Dear Mr. Wagner:

This letter is in response to the request of the City by the Rhode Island DEM that the City "submit a written assessment evaluating environmental equity issues." DEM initially made this request in its Letter of Responsibility ("LOR"), dated April 1, 2005, which provided that the

City shall submit to the Department a written assessment that evaluates whether the Site Investigation and preferred remedial alternative have adequately considered issues of environmental equity and describes how they are protective of environmental equity populations. This assessment shall also detail the City's consideration of environmental equity pursuant to Title VI of the United States Civil Rights Act of 1964.

(LOR at 3-4).

The DEM request arises from the statutory obligation of DEM itself, set forth in R.I. Gen. Laws § 23-19.14-5(a):

The department of environmental management shall consider the effects that clean-ups would have on the populations surrounding each site and shall consider the issues of environmental equity for low income and racial minority populations.

275 Westminster Street, Suite 200 • Providence, Rhode Island 02903-1845
(401) 421-7740 (Voice) • (401) 751-0203 (TDD) • (401) 351-7596 (Facsimile)

8 June 2005

DEM reiterates in the LOR the reference in the above state law to the federal mandate under Title VI of the Civil Rights Act of 1964, 42 U.S.C. §§ 2000d – 2000d-7, which provides in relevant part that

No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.

Relevant Facts

The Providence School Department (“PSD”) serves a public school population of approximately 26,000 students, most of whom live at or below the poverty level. The PSD is responsible for maintaining four million square feet of building space. Despite new construction in recent years, the physical plant of the PSD remains very aged: the average building age is sixty (60) years, with five buildings more than 100 years old. (Exhibit A). Overall student enrollment in the PSD will decline over the next few years. (Exhibit B). The enrollment in high schools, however, will increase and reach a peak during this same period. (Exhibit C). Without new construction, the existing structures will be overcrowded, at well over 100% capacity through academic year 2008-09. (Exhibit D). Implementation of the PSD’s proposed Five-Year Facility and Capital Plan, to include the new high school at the above-referenced site, will ease the overcrowding so that enrollment is at 100% or just under 100% overall building capacity.

Like urban districts throughout the nation, the PSD has been struggling with inadequate physical facilities while attempting to implement the demands of the No Child Left Behind Act of 2001 (“Act”), the federal statute renewing the Elementary & Secondary Education Act of 1965. Title I of the Act mandates that any district receiving federal antipoverty monies must insure that students achieve “proficiency” by 2014 in various subject areas. It specifically requires testing of students in grades 3 through 8 and once in high school in English language arts and mathematics; starting in 2007, it will also require testing in science at least once in elementary, middle and high schools. Each school in the district must show that it is making “Adequate Yearly Progress” (AYP). Schools achieve such progress by improving their scores, maintaining test participation rates of 95% or higher, satisfying attendance and graduation goals, and insuring that no more than 1% of their students resort to an alternative assessment. Schools that fail to make AYP face fiscal and organizational consequences.

Student performance in PSD is improving, as reflected in recent results of state tests administered in 2003-04, showing a 6% district-wide increase in test scores. Yet the PSD has much work remaining to achieve national, state, and local goals for student success. Improving the physical plant is critical to this effort.

An excellent physical plant is essential to enhancing student achievement, accommodating enrollment projections, and providing a safe learning and working environment for students and staff. It also conveys the fundamental respect to which all students are entitled, including the City's non-white and low-income children. New and smaller-scale facilities in particular are important for creating more nurturing learning environments, allowing for development of true alternative school programs or "small learning communities," providing greater opportunity to develop neighborhood schools and complexes, and facilitating strong family and parental involvement – known to be key components for insuring student success.

The proposed new high school is a part of this capital improvement effort. For the school year commencing in September 2005, the PSD must add at least 600 new high school seats. The plan, as of February 2005, was to close the high school at Harrison Street (a former parochial school), beset with fire code concerns (250 seats), remove students from the basement of Mount Pleasant High School, plagued with poor air quality and environmental problems (200 seats), and accommodate the 150-student increase in the high school population with a new high school, with capacity of 450 seats. The plan also anticipates conversion of the DelSesto Middle School to a high school (175 seats).

The proposed site for the new high school, referenced above, is 333 Adelaide Avenue, Parcel B, City of Providence Tax Assessor's Office, Plat 51, Lot 170, Parcel B ("Proposed Site").

The residential neighborhood surrounding the Proposed Site is comprised predominantly of people of Hispanic, African American and Asian descent. (Exhibit E). The anticipated racial composition of the school is similarly non-white: of the 275 students expected for grades nine and ten only, only 31 (or 11%) are white (Caucasian). The school will draw in part from the surrounding neighborhood (approximately 1/3), and in part from other parts of the City (approximately 2/3); high schools, unlike elementary and to a lesser extent middle schools, are more likely to have a particular theme, focus, or program, e.g., William B. Cooley, Sr. High School/Health & Science Technology High School, and less likely to develop exclusively as a "neighborhood school." The important point for purposes of assessing "environmental equity," however, is that the school to be built on the Proposed Site will service a student population that will be overwhelmingly non-white, low-income, and in need of good quality space in which to learn.

The City's Departments of Planning and Public Property selected the Proposed Site for a number of reasons. First, the City had no meaningful alternatives for building. It considered but rejected use of the football field area at Central High School, and the soccer field area at Mount Pleasant High School. It also considered and rejected other sites as presenting too complex a remediation effort, or for other practical reasons.

8 June 2005

Second, the Proposed Site had the advantages of being owned by the City and was the subject of numerous environmental investigations over the past 10 plus years. It also had received conceptual approval from DEM to cap the site to enable industrial and commercial reuse. The City has recently supplemented the previous investigations with an extensive site investigation that included a site wide soil gas survey, speciated soil gas sample collection and analysis, and soil and groundwater sample collection and analysis. The City has submitted a Site Investigation Report Addendum to RIDEM, which summarizes the results of these sampling activities, and proposes remedial alternatives, which the City is prepared to initiate during construction activities associated with the proposed school.

Third, and finally, development anticipated near the Proposed Site is compatible with the building on the site of a high school. The YMCA is on the brink of ground-breaking for a new facility on the abutting site, to house, *inter alia*, a day care center. Moreover, the development around the pond abutting the property is to include a recreational walking path. A small high school, to service approximately 450 students, would enhance and be consistent with this type of community, educational, and recreational development.

The Law

The notion of "environmental equity" appears to grow out of and be similar to that developed under federal claims arising under Title VI and its implementing regulations. The case of South Camden Citizens in Action v. New Jersey Department of Environmental Protection, 145 F. Supp.2d 446 (D.N.J. 2001), illustrates the type of claim at issue. In South Camden, the district court found that the plaintiffs had a likelihood of succeeding on the merits of their claim that defendants' decision to build an industrial facility in an impoverished neighborhood of Camden, New Jersey had a discriminatory impact on the residents of that neighborhood, ninety-one percent of whom were persons of color, in violation of EPA regulations promulgated to implement section 602 of the Civil Rights Act of 1964 (Title VI).¹

¹Although the district court found that the permitting policy employed by the New Jersey Department of Environmental Protection was "facially neutral," 145 F. Supp.2d. at 485, it determined that the operation of the proposed facility would adversely impact the health of the neighborhood residents by: (1) affecting respiratory function in members of the community, a "disproportionate number of whom already suffer from asthma and other respiratory conditions which [would] be aggravated by the inhalation of particulate matter"; and (2) by generating ozone from "the migration of 77,000 trucks making deliveries to and from the facility, thereby further aggravating respiratory function and causing cancer." Id. at 485. The court took note of the fact that community members in general, and African American community members in particular, already "suffer[ed] disproportionately high rates of cardiovascular disease and respiratory disease such as asthma." Id.

The disparate impact analysis in South Camden is no longer viable after the Supreme Court's decision in Alexander v. Sandoval, 532 U.S. 275 (2001). There, the Court held that there was no private right of action to enforce disparate-impact regulations promulgated under Title VI of the Civil Rights Act of 1964. In reliance on Sandoval, in part, the U.S. Court of Appeals for the Third Circuit reversed the district court's ruling in South Camden, holding that the EPA regulations did not create a right enforceable under 42 U.S.C. § 1983. South Camden Citizens in Action v. New Jersey Department of Environmental Protection, 274 F.3d 771 (3d Cir. 2001). The Third Circuit held: "Since the time of the Supreme Court's decision in Sandoval, it hardly can be argued reasonably that the right alleged to exist in the EPA's regulations, namely to be free of disparate impact discrimination in the administration of programs or activities receiving EPA assistance, can be located in either section 601 or section 602." Id. at 788. Thus, the only claim that plaintiffs could make under Title VI would be one alleging intentional discrimination by RI DEM and the City. There is simply no evidence, imagined or real, to support such a claim.

Second, even if such a disparate impact theory were available to plaintiffs, a comparison of the remediation proposed with the construction planned in South Camden makes plain that the notion of "environmental equity" has little application here. Unlike the challenge in South Camden, which sought to prevent development of a industrial facility that would grind and process granulated blast furnace slag to be used as an additive in cement, any challenge in this case would be to the remediation and building of a school on the Proposed Site. The City would of course need to control and/or eliminate any residual effects of extant pollutants, through for example, an inactive and active sub slab ventilation system to manage trace levels of volatile organic compounds detected in site soils. Yet controlling the impact of pollution from another era, so that children can be housed in a clean and modern school building is a far cry from developing a new potentially hazardous site in a minority neighborhood so that a profit-making company can produce an ingredient necessary to make cement.

Moreover, the decision of the defendant industrial company in Camden South (St. Lawrence Cement Co.), to select the particular site in the minority neighborhood was driven primarily or exclusively by profit-making considerations and convenience rather than a need to serve the very minority population protected by such "environmental equity" claims. Put differently, the PSD here is pressing to build a new high school on the Proposed Site because such building: (a) is essential for improving the quality of education for the City's public school students, most of whom are low-income and nonwhite, and (b) must by law and practicality be within the geographic confines of the City, near where the students live.

Finally, the Proposed Site here is not in an area literally choking with environmental dangers, as was the site in Camden South. The Camden, New Jersey neighborhood was "already a popular location for the siting of industrial facilities." 145 F.Supp.2d at 451. It contained a sewage treatment plant, a trash to steam plant, a power plant and two United

8 June 2005

States EPA designated Superfund sites. See id. Four sites within one-half mile of the proposed facility were at the time of the district court hearing being investigated by the EPA for possible release of hazardous substances; in addition, the NJ DEP had identified fifteen known contaminated sites in the neighborhood. See id. The entire area was in "severe noncompliance" with the ozone National Ambient Air Quality Standards for Particulate Matter. See id. at 488 & 490.

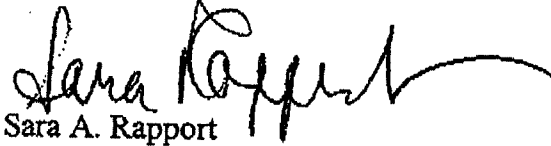
To the contrary, the remediation here would enhance the environmental quality of the neighborhood overall, and be of a piece with other non-industrial development that is proceeding simultaneously. The City is to be commended for working to clean and develop an old industrial site, in an effort that promises to transform the area generally into a pleasant recreational, service-oriented neighborhood, with a day care center, a modern high school, and a walking path. The City is also to be commended for its efforts to improve the educational opportunities for low-income and nonwhite children; it seeks to work cooperatively with RI DEM to insure that the resistance of what may very well be a racial majority (Caucasian) residents is not rewarded through unnecessary delays, particularly when such resistance has little or nothing to do with genuine environmental concerns, and is so completely unsupported by evidence. The facts here simply bear no similarity to those in Camden South. In fact, the context suggests a contrary "equity" concern: one that questions whether the unfounded objections by a racial majority will be permitted to stymie the development of a facility that will so plainly benefit the various racial minorities comprising the neighborhood. It would be ironic indeed if environmental equity became a cover for sentiments so at odds with the public interest.

A final word about compliance with DEM Regulations: The PSD, the Departments of Planning and Public Property, and the City, intend to comply full with the Remediation Regulations as amended February 2004. These regulations call for submission by the City of a Site Investigation Report (Regulation 7.08). The City submitted such Report in April 2005. Upon receipt of DEM's "Letter of Responsibility," dated 1 April 2005, the City has been working diligently to respond to the requirements set forth in such letter. As of this date, the City is submitting its response to DEM's most recent articulation of concerns, set forth by letter dated 19 May 2005. The City now awaits issuance of a Program Letter, pursuant to Regulation 7.07, so that it can advise the public of the site investigation, as proposed, and solicit public comment on the "technical feasibility" of the preferred remedial alternative and "substantive" matters pursuant to Regulations 7.07 and 7.09. The state law commanding DEM to consider the issue of "environmental equity" requires that the state do so in part through attention to this very regulatory process. DEM can and should command no more than this in overseeing the City's efforts.

Brian Wagner, Esq.
Deputy Chief Legal Counsel
Page 7
8 June 2005

Please feel free to consult with me in the Law Department for clarification or further explication of any of the issues discussed in this letter. I am eager to work with and assist DEM in moving forward this important project for the City's students, to insure the safe, clean and modern construction of a much needed high school facility.

Sincerely yours,



Sara A. Rapport
Senior Assistant City Solicitor

Attachments

cc: Joseph M. Fernandez, City Solicitor, City of Providence
Mark Dunham, Chief Financial Officer, Providence School Department
Thomas Deller, Director, Department of Planning
Alan Sepe, Acting Director, Department of Public Properties

EXHIBIT A

PPSD has an aging Physical Plant

- The Providence School Department has a very aged physical plant, in spite of all the new construction during the last twelve years
- The average age of a PSD school building is 60 years; five buildings are more than 100 years old
- More than half of the District's fifty buildings are at least 50 years old

Age of Physical Plant

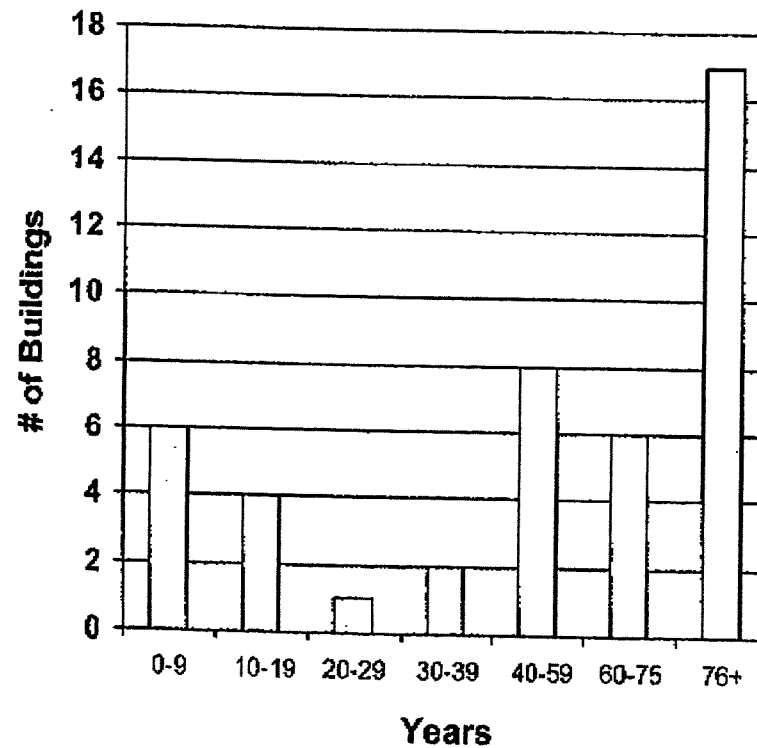
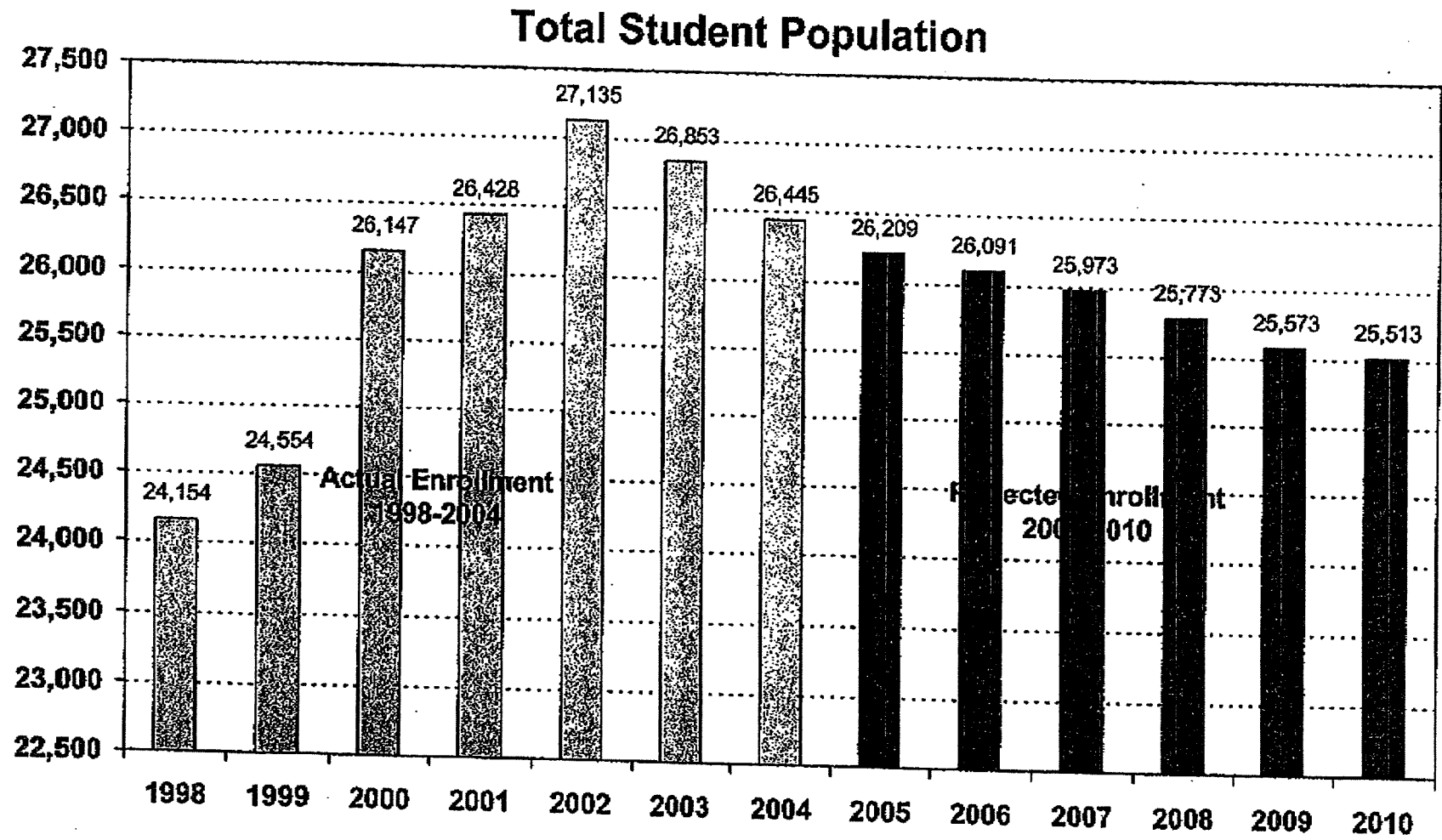


EXHIBIT B

Total student population reached its peak during the 2002-2003 school-year



Sources: PPSD Enrollment Data; Addendum #1, Building More than Buildings, December 2004, Gilbane

EXHIBIT C

PPSD is reaching peak enrollment in the High Schools

High School Student Population

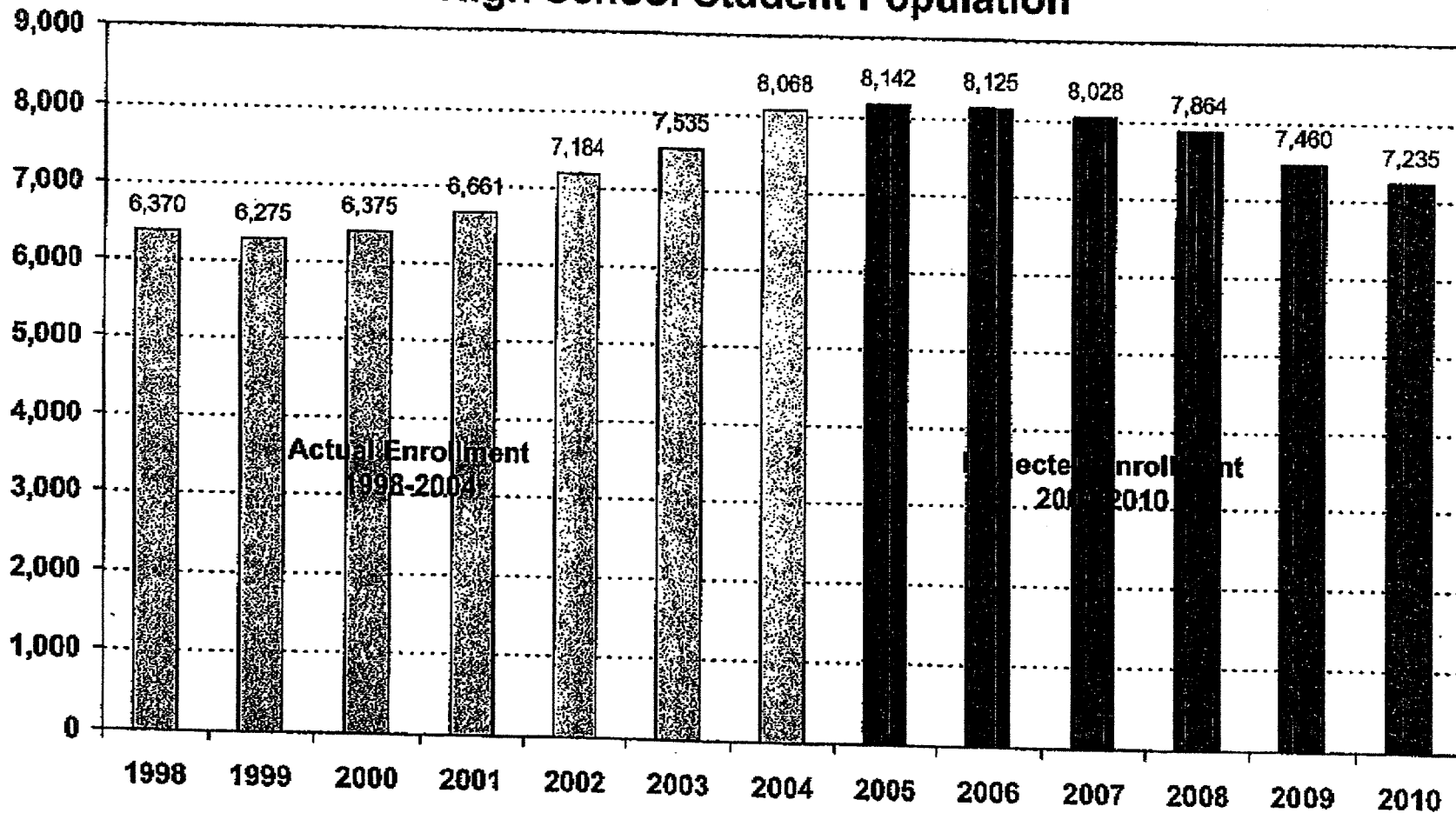
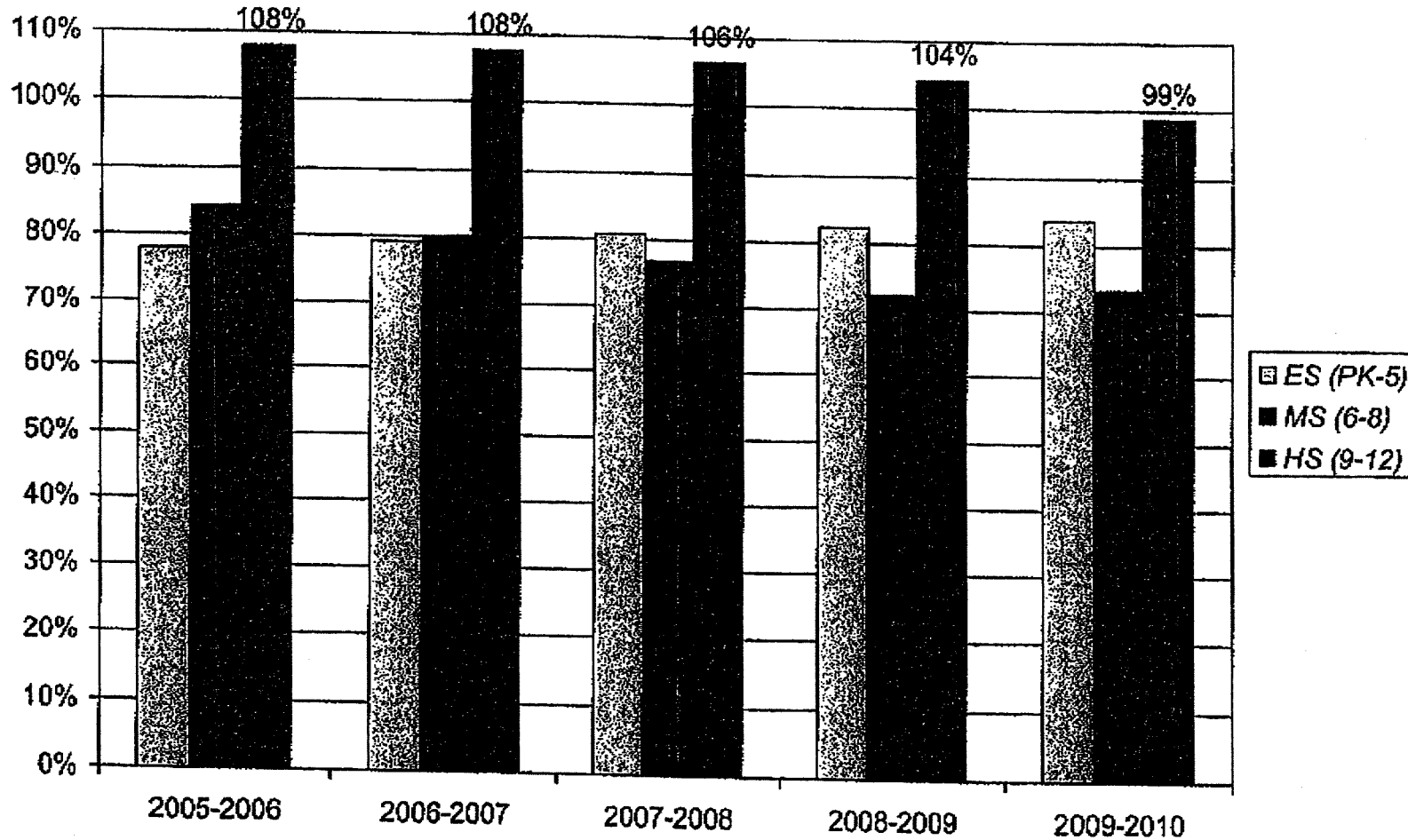


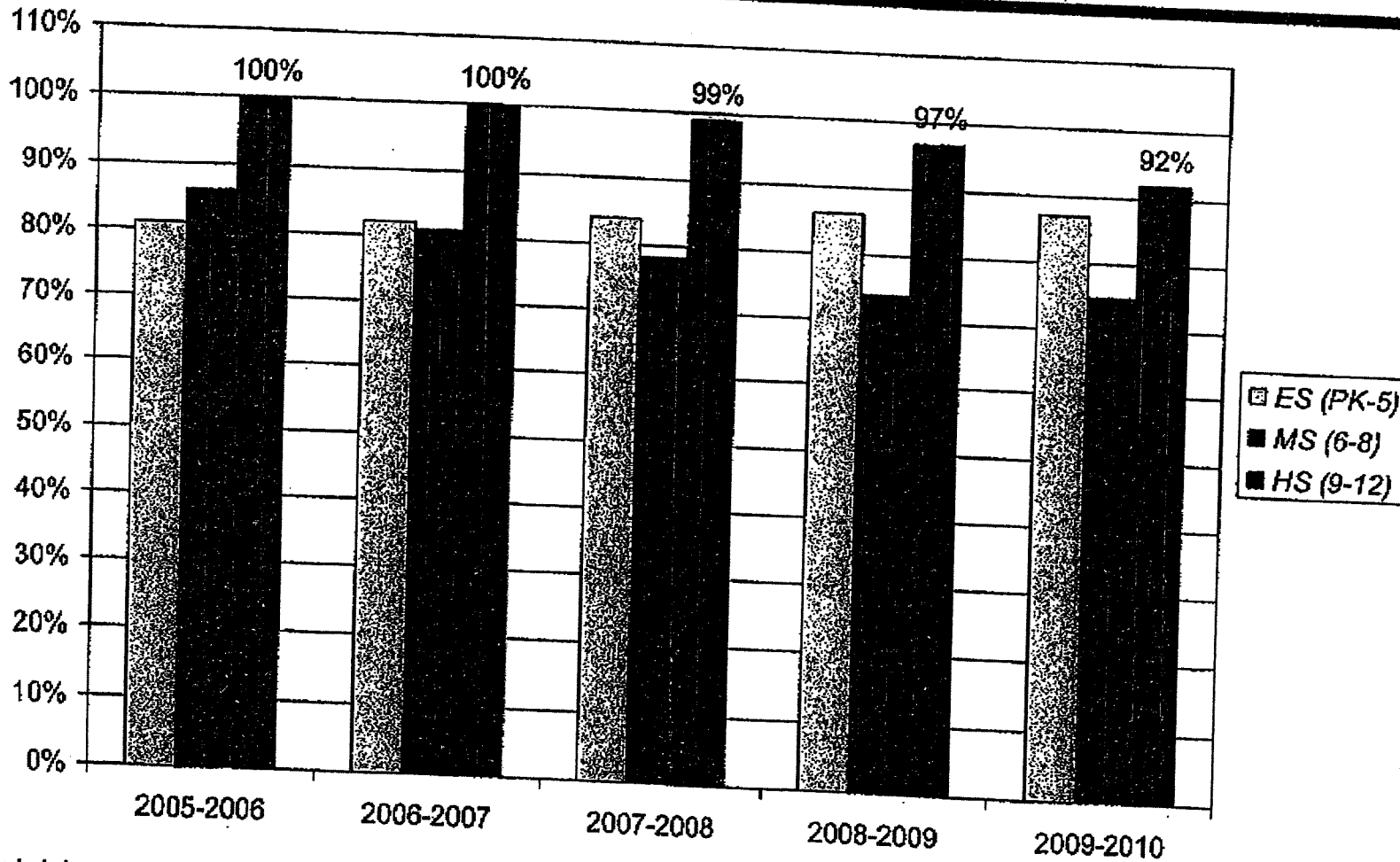
EXHIBIT D

Capacity Use: Limited Actions Taken



Actions taken include:
05-06: Close Harrison Street

Capacity Use: 5-year Capital/Facility Plan Implemented



Actions taken include:

- 05-06: Moving 13 6th Grade Classes of 26 to Elementary; Close Windmill Ax (-134), Flynn Ax (-60), Mt. Pleasant Basement (-200); DelSesto adds 175; build new HS (450); Hope HS (60)
- 06-07: DelSesto grows (125)
- 07-08: DelSesto grows (50)
- 08-09: DelSesto grows (50)

EXHIBIT E

Demographics within 1- and 2-mile radius of former Gorham Manufacturing Site

Plat 51 Lot 323

Data Source: 2000 US Census, SF 1

Race/Ethnicity	1 Mile Radius	% within 1 Mile	2 Mile Radius
Hispanic	15,306	53.10%	35,624
Non Hispanic White	3,543	12.29%	20,531
Non Hispanic Black/African American	5,419	18.80%	13,136
Non Hispanic American Indian/Alaskan Native	375	1.30%	886
Non Hispanic Asian	2,913	10.11%	5,449
Non Hispanic Native Hawaiian/Other Pacific Islander	8	0.03%	32
Non Hispanic Other	244	0.85%	678
Non Hispanic Two or More Races	1,017	3.53%	3,138
Total Population	28,825	100.00%	79,474

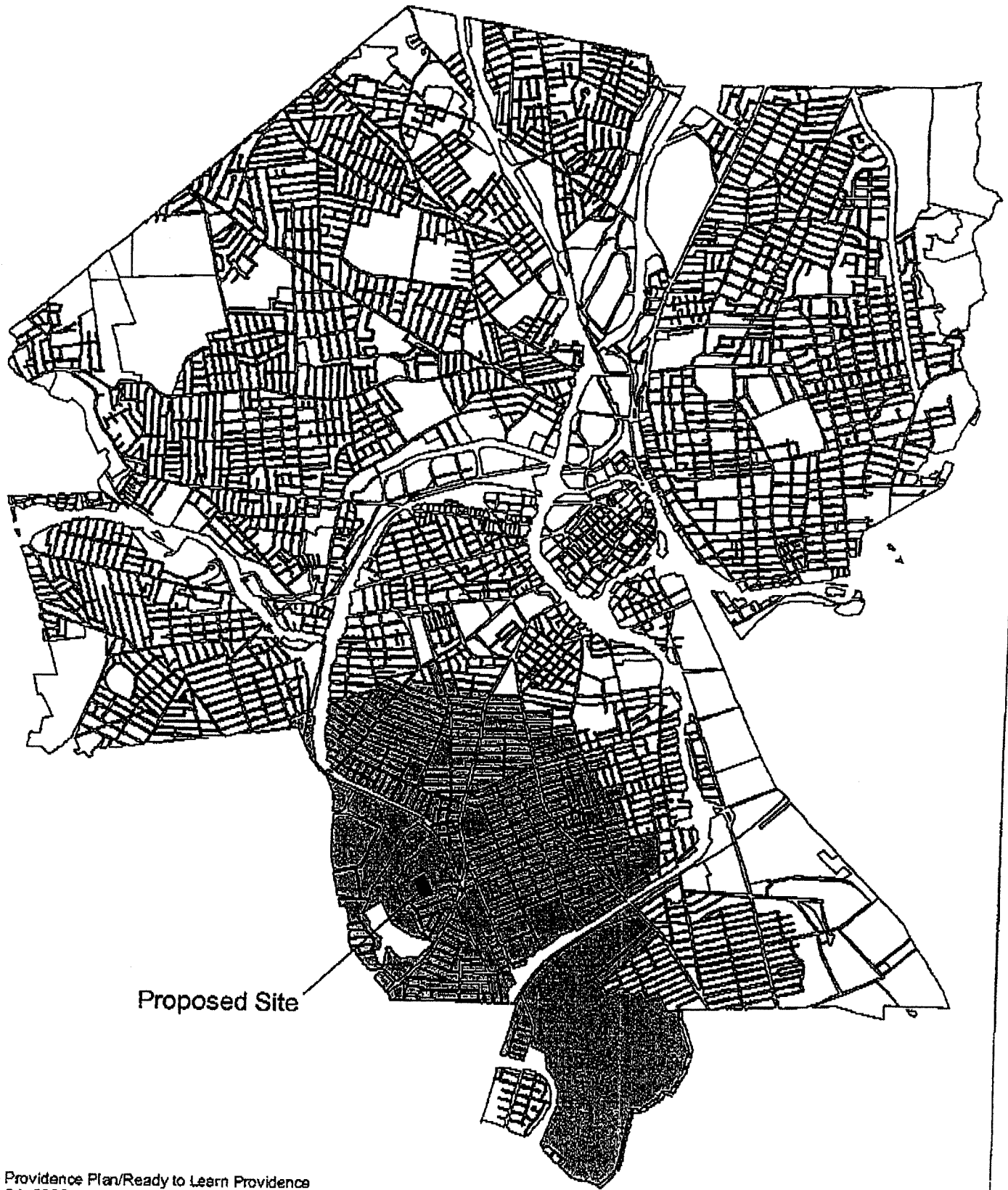
Prepared May 24, 2005

The Providence Plan/Ready to Learn Providence

% within 2 Miles

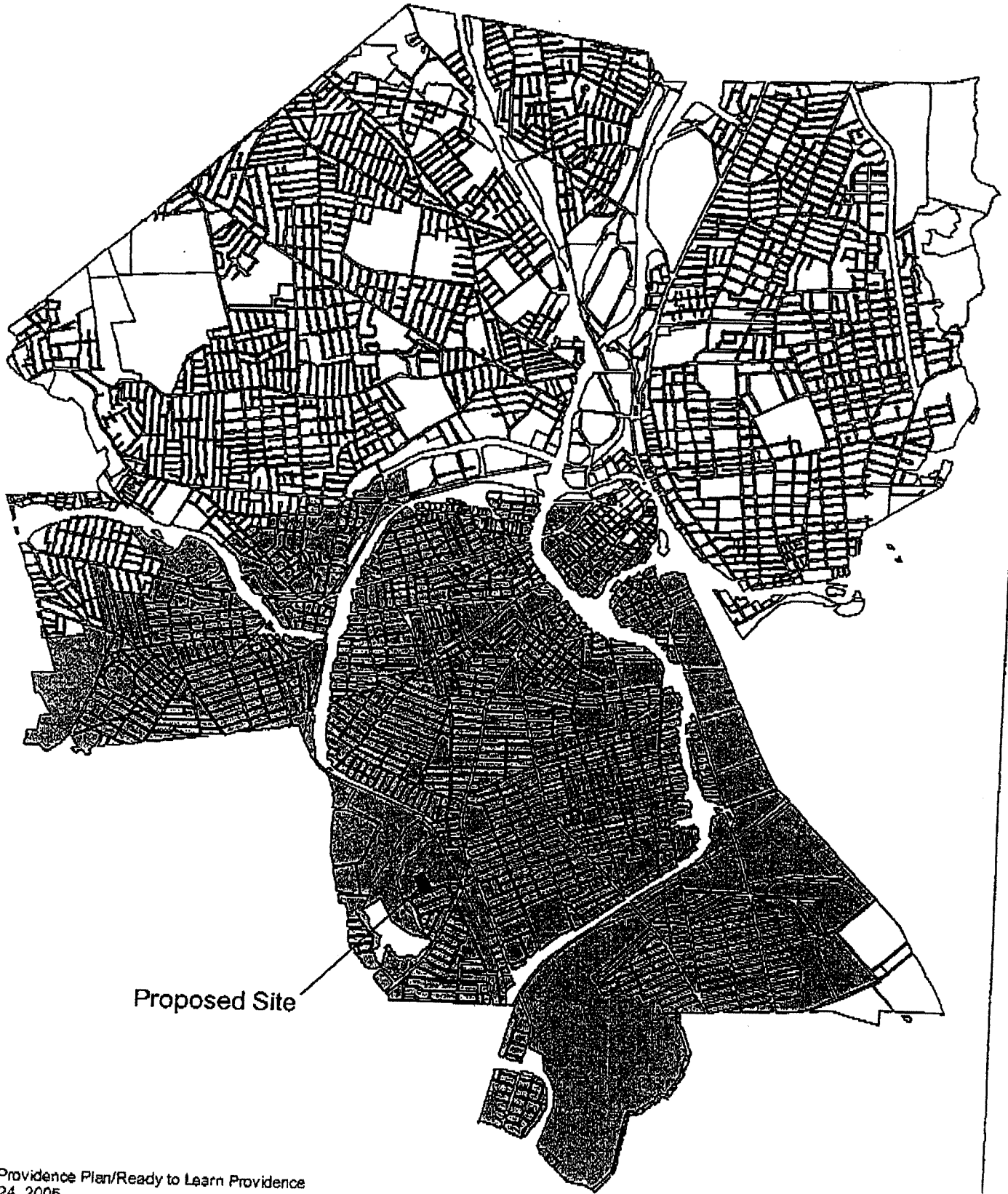
44.82%
25.83%
16.53%
1.11%
6.86%
0.04%
0.85%
3.95%
100.00%

Census Blocks within 1 Mile of Gorham Manufacturing Site, Plat 51 Lot 323



Proposed Site

**Census Blocks within 2 Miles of former Gorham Manufacturing Site,
Plat 51 Lot 323**



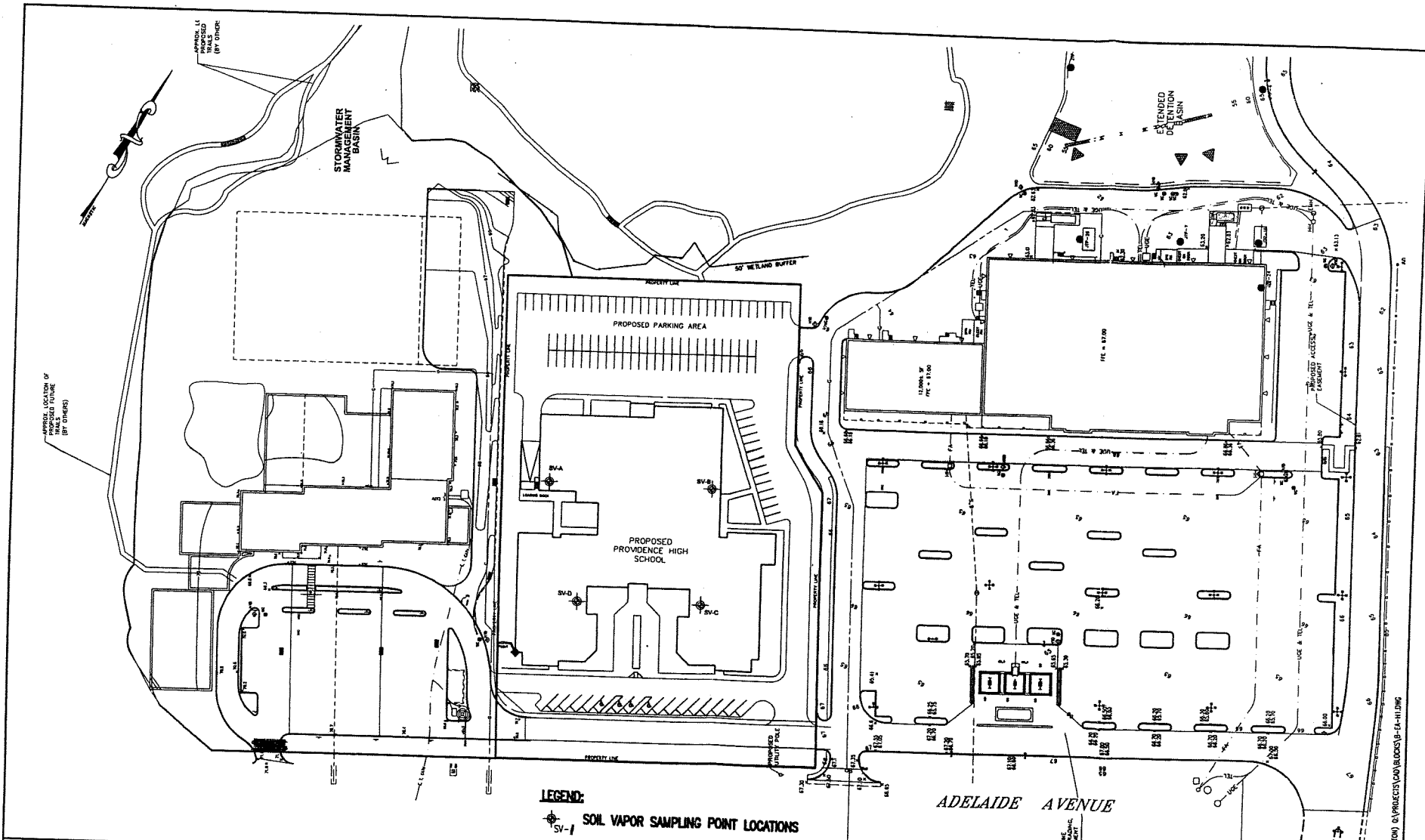
Proposed Site

The Providence Plan/Ready to Learn Providence
May 24, 2005
Data: RIGIS, Census 2000, SF1

Attachment E

Figure – Location of Soil Vapor Extraction Points





LEGEND:
 SV-1 SOIL VAPOR SAMPLING POINT LOCATIONS

EA® EA ENGINEERING, SCIENCE, AND TECHNOLOGY

FORMER GORHAM MANUFACTURING FACILITY PROPERTY, PARCEL B
 PROVIDENCE, RHODE ISLAND

1 JUNE 2005
 SOIL VAPOR
 SAMPLING POINTS

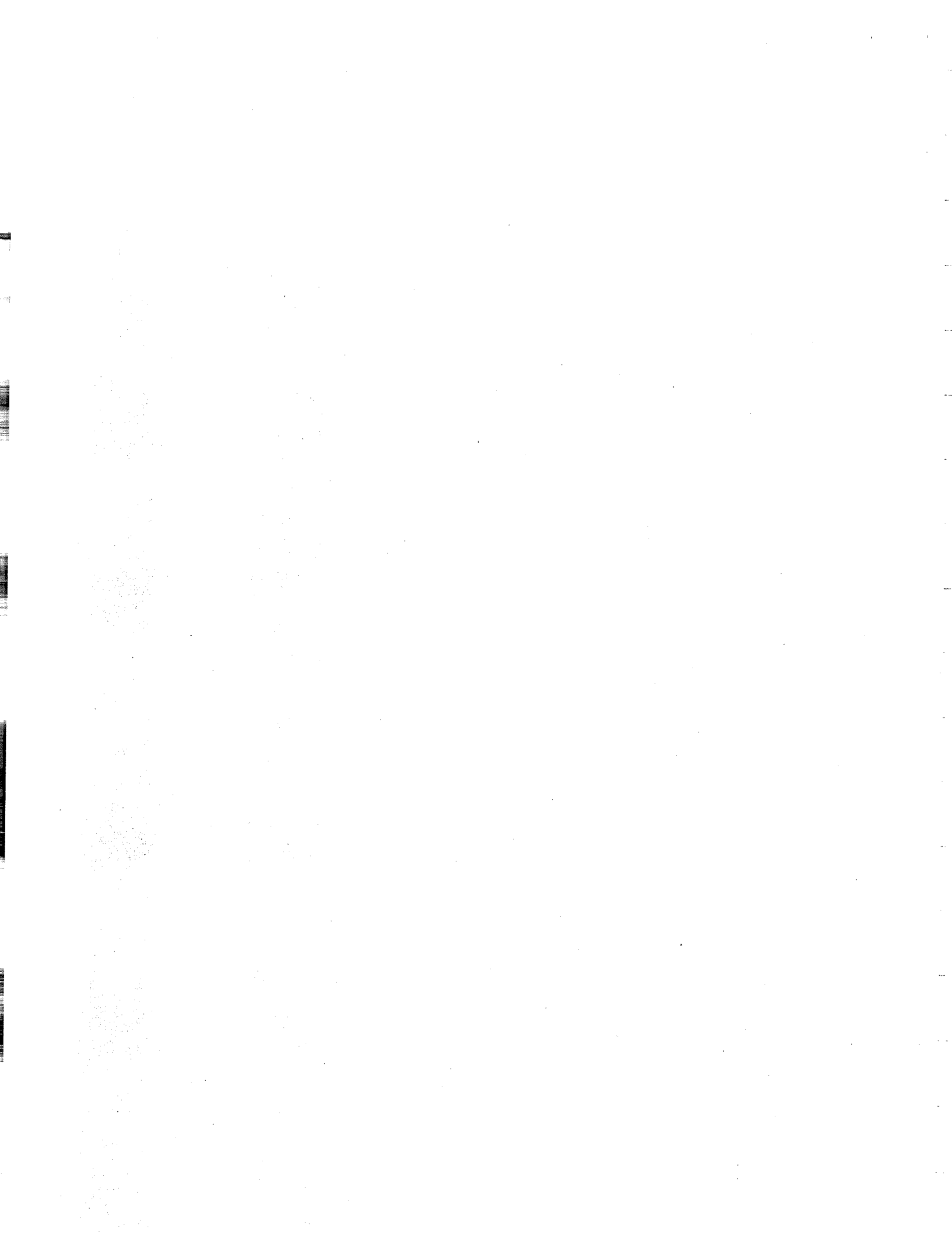
DESIGNED BY WWW	DRAWN BY WEL	DATE 6-14-05	PROJECT NO. 61965.01	FILE NAME 8-EA-H1
CHECKED BY JAP	PROJECT MGR. TR	SCALE 1" = 100'	DRAWING NO. -	FIGURE -

FILE: (LONDON) 0:\PROJECTS\61965\805-8-EA-H1.DWG



Attachment F

**Summary Table and Certificates of Analysis for
1 June 2005 Soil Vapor Sampling Activities**



TO-15 Soil Gas Samples Collected 1 June 2005

Volatile Organic Compound ($\mu\text{g}/\text{m}^3$)	SV-A	SV-B	SV-C	SV-D	CTDEP TAC
Benzene	<1.6	1.7	<1.6	<1.6	3.3
Benzyl Chloride	<2.6	<2.6	<2.6	<2.6	--
Bromodichloromethane	<3.4	<3.4	<3.4	<3.4	0.034
Bromomethane	<1.9	<1.9	<1.9	<1.9	--
1,3-Butadiene	<1.1	<1.1	<1.1	<1.1	--
2-Butanone (MEK)	266.	362.	162.	124.	500
Carbon Disulfide	<1.6	<1.6	<1.6	<1.6	--
Carbon Tetrachloride	<3.1	<3.1	<3.1	<3.1	0.5
Chlorobenzene	<2.3	<2.3	<2.3	<2.3	37
Chlorodibromomethane	<4.3	<4.3	<4.3	<4.3	--
Chloroethane	<1.3	<1.3	<1.3	<1.3	500
Chloroform	<2.4	<2.4	5.3	5.0	0.5
Chloromethane	<1.0	<1.1	<1.0	<1.0	14
Cyclohexane	<1.7	<1.7	<1.7	<1.7	--
1,2-Dibromoethane	<3.8	<3.8	<3.8	<3.8	--
1,2-Dichlorobenzene	<3.0	<3.0	<3.0	<3.0	73
1,3-Dichlorobenzene	<3.0	<3.1	<3.0	<3.0	73
1,4-Dichlorobenzene	<3.0	3.2	<3.1	<3.0	24
Dichlorodifluoromethane	4.1	2.9	<2.5	<2.5	91
1,1-Dichloroethane	<2.0	<2.0	<2.0	<2.0	77
1,2-Dichloroethane	<2.0	<2.0	<2.0	<2.0	0.07
1,1-Dichloroethylene	<2.0	<2.0	<2.0	<2.0	10
cis-1,2-Dichloroethylene	<2.0	<2.0	4.2	2.9	18
t-1,2-Dichloroethylene	<2.0	<2.0	<2.0	<2.0	37
1,2-Dichloropropane	<2.3	<2.3	<2.4	3.4	0.13
cis-1,3-Dichloropropene	<2.3	<2.3	<2.3	<2.3	--
trans-1,3-Dichloropropene	<2.3	<2.3	<2.3	<2.3	0.21
1,2-Dichlorotetrafluoroethane (114)	<3.5	<3.5	<3.5	<3.5	--
Ethanol	19.9	28.8	<0.9	10.6	--
Ethyl Acetate	<1.8	<1.8	<1.8	<1.8	--
Ethylbenzene	<2.2	<2.2	<2.2	<2.2	53
4-Ethyl Toluene	<2.5	<2.5	<2.5	<2.5	--
n-Heptane	<2.0	<2.0	<2.0	<2.0	--
Hexachlorobutadiene	<5.3	<5.3	<5.3	<5.3	--
Hexane	<1.8	<1.8	<1.8	<1.8	--
2-Hexanone	<2.0	<2.0	<2.0	<2.0	--
Isopropanol	<1.2	<1.2	<1.2	<1.2	--
Methyl tert-Butyl Ether (MTBE)	<1.8	<1.8	<1.8	<1.8	160
Methylene Chloride	<1.7	8.8	<1.7	2.0	3
4-Methyl-2-Pentanone (MIBK)	<2.0	<2.0	<2.0	<2.0	37
Propene	<0.9	2.9	<0.9	<0.9	--
Styrene	<2.1	<2.1	<2.1	<2.1	52

VOC (ug/m3)	SV-A	SV-B	SV-C	SV-D	CTDEP TAC
1,1,2,2-Tetrachloroethane	<3.4	<3.4	<3.4	<3.4	0.01
Tetrachloroethylene	18.4	106	623	285	5
Tetrahydrofuran	1780	2490	1180	1060	--
Toluene	2.4	6.8	11.2	3.3	210
1,2,4-Trichlorobenzene	<3.7	<3.7	<3.7	<3.7	--
1,1,1-Trichloroethane	12.1	27.2	68.7	36.0	500
1,1,2-Trichloroethane	< 2.7	< 2.7	< 2.7	< 2.7	2.2
Trichloroethylene	265	101	2710	4020	1
Trichlorofluoromethane	13,400	803	2,030	8,540	370
1,1,2-Trichloro-1,2,2-Trifluoroethane	<3.8	<3.8	<3.8	<3.8	--
1,2,4-Trimethylbenzene	<2.5	<2.5	<2.5	<2.5	9.3
1,3,5-Trimethylbenzene	<2.5	<2.5	<2.5	<2.5	9.3
Vinyl Acetate	<1.8	<1.8	<1.8	<1.8	--
Vinyl Chloride	< 1.3	< 1.3	< 1.3	< 1.3	0.14
m/p-Xylene	<2.2	3.9	3.0	<2.2	220
o-Xylene	<2.2	<2.2	<2.2	<2.2	220

Note: All results are in µg/m3.

Bold indicates an exceedance of the CTDEP Targeted Indoor Air Concentrations



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 6/13/2005

EA ENGINEERING SCIENCE & TECH. - RI
2350 POST ROAD
WARWICK, RI 02886
ATTN: JILL PARRETT

CONTRACT NUMBER:
PURCHASE ORDER NUMBER: 2302

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMS-89090
JOB NUMBER: 61965.01.0003

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: GORHAM

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST
SV-A	05B21583	AIR	CT-1708	air special test
SV-A	05B21583	AIR	CT-1708	to-15 ppbv
SV-A	05B21583	AIR	CT-1708	to-15 ug/m3
SV-B	05B21584	AIR	CT-3527	air special test
SV-B	05B21584	AIR	CT-3527	to-15 ppbv
SV-B	05B21584	AIR	CT-3527	to-15 ug/m3
SV-C	05B21585	AIR	CT-1309	air special test
SV-C	05B21585	AIR	CT-1309	to-15 ppbv
SV-C	05B21585	AIR	CT-1309	to-15 ug/m3
SV-D	05B21586	AIR	CT-3492	air special test
SV-D	05B21586	AIR	CT-3492	to-15 ppbv
SV-D	05B21586	AIR	CT-3492	to-15 ug/m3

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations :

AIHA 100033	AIHA ELLAP (LEAD) 100033	
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	ARIZONA AZ0648
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	ARIZONA AZ0654 (AIR)

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Edward Denson 6/13/05

Tod Kopyscinski
Director of Operations

Sondra S. Kocot
Quality Control Coordinator

SIGNATURE

DATE

Edward Denson
Technical Director



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2350 POST ROAD
WARWICK, RI 02886

6/13/2005
Page 1 of 26

Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005
Field Sample #: SV-A

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Sample ID: 05B21583

Sampled: 6/1/2005
CT-1708

Sample Matrix: AIR

Sample Medium : SUMMA

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST			06/09/05	WSD		

SEE ATTACHED RESULTS SHEETS FOR MORE INFORMATION

Field Sample #: SV-B

Sample ID: 05B21584

Sampled: 6/1/2005
CT-3527

Sample Matrix: AIR

Sample Medium : SUMMA

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST			06/09/05	WSD		

SEE RESULTS PAGE FOR MORE INFORMATION.

Field Sample #: SV-C

Sample ID: 05B21585

Sampled: 6/1/2005
CT-1309

Sample Matrix: AIR

Sample Medium : SUMMA

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST			06/09/05	WSD		

SEE RESULTS PAGE FOR MORE INFORMATION.

Field Sample #: SV-D

Sample ID: 05B21586

Sampled: 6/1/2005
CT-3492

Sample Matrix: AIR

Sample Medium : SUMMA

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST			06/08/05	WSD		

SEE RESULTS PAGE FOR MORE INFORMATION.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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6/13/2005
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Project Location: GORHAM
Date Received: 6/2/2005
Field Sample # : SV-A
Sample ID : 05B21583

Purchase Order No.: 2302

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Sample Matrix: AIR

Sampled : 6/1/2005
CT-1708
Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acetone	PPBv	42.7	06/06/05	WSD	0.5			
Benzene	PPBv	ND	06/06/05	WSD	0.5			
Benzyl Chloride	PPBv	ND	06/06/05	WSD	0.5			
Bromodichloromethane	PPBv	ND	06/06/05	WSD	0.5			
Bromomethane	PPBv	ND	06/06/05	WSD	0.5			
1,3-Butadiene	PPBv	ND	06/06/05	WSD	0.5			
2-Butanone (MEK)	PPBv	90.2	06/06/05	WSD	0.5			
Carbon Disulfide	PPBv	ND	06/06/05	WSD	0.5			
Carbon Tetrachloride	PPBv	ND	06/06/05	WSD	0.5			
Chlorobenzene	PPBv	ND	06/06/05	WSD	0.5			
Chlorodibromomethane	PPBv	ND	06/06/05	WSD	0.5			
Chloroethane	PPBv	ND	06/06/05	WSD	0.5			
Chloroform	PPBv	ND	06/06/05	WSD	0.5			
Chloromethane	PPBv	ND	06/06/05	WSD	0.5			
Cyclohexane	PPBv	ND	06/06/05	WSD	0.5			
1,2-Dibromoethane	PPBv	ND	06/06/05	WSD	0.5			
1,2-Dichlorobenzene	PPBv	ND	06/06/05	WSD	0.5			
1,3-Dichlorobenzene	PPBv	ND	06/06/05	WSD	0.5			
1,4-Dichlorobenzene	PPBv	ND	06/06/05	WSD	0.5			
Dichlorodifluoromethane	PPBv	0.8	06/06/05	WSD	0.5			
1,1-Dichloroethane	PPBv	ND	06/06/05	WSD	0.5			
1,2-Dichloroethane	PPBv	ND	06/06/05	WSD	0.5			
1,1-Dichloroethylene	PPBv	ND	06/06/05	WSD	0.5			
cis-1,2-Dichloroethylene	PPBv	ND	06/06/05	WSD	0.5			
t-1,2-Dichloroethylene	PPBv	ND	06/06/05	WSD	0.5			
1,2-Dichloropropane	PPBv	ND	06/06/05	WSD	0.5			
cis-1,3-Dichloropropene	PPBv	ND	06/06/05	WSD	0.5			
trans-1,3-Dichloropropene	PPBv	ND	06/06/05	WSD	0.5			
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	06/06/05	WSD	0.5			
Ethanol	PPBv	10.6	06/06/05	WSD	0.5			

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6/13/2005
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Purchase Order No.: 2302

Project Location: GORHAM
 Date Received: 6/2/2005
 Field Sample # : SV-A
 Sample ID : 05B21583
 Sample Matrix: AIR

LIMS-BAT #: LIMS-89090
 Job Number: 61965.01.0003

Sampled : 6/1/2005
 CT-1708
 Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Ethyl Acetate	PPBv	ND	06/06/05	WSD	0.5			
Ethylbenzene	PPBv	ND	06/06/05	WSD	0.5			
4-Ethyl Toluene	PPBv	ND	06/06/05	WSD	0.5			
n-Heptane	PPBv	ND	06/06/05	WSD	0.5			
Hexachlorobutadiene	PPBv	ND	06/06/05	WSD	0.5			
Hexane	PPBv	ND	06/06/05	WSD	0.5			
2-Hexanone	PPBv	ND	06/06/05	WSD	0.5			
Isopropanol	PPBv	ND	06/06/05	WSD	0.5			
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	06/06/05	WSD	0.5			
Methylene Chloride	PPBv	ND	06/06/05	WSD	0.5			
4-Methyl-2-Pentanone (MIBK)	PPBv	ND	06/06/05	WSD	0.5			
Propene	PPBv	ND	06/06/05	WSD	0.5			
Styrene	PPBv	ND	06/06/05	WSD	0.5			
1,1,2,2-Tetrachloroethane	PPBv	ND	06/06/05	WSD	0.5			
Tetrachloroethylene	PPBv	2.7	06/06/05	WSD	0.5			
Tetrahydrofuran	PPBv	604.	06/06/05	WSD	0.5			
Toluene	PPBv	0.6	06/06/05	WSD	0.5			
1,2,4-Trichlorobenzene	PPBv	ND	06/06/05	WSD	0.5			
1,1,1-Trichloroethane	PPBv	2.2	06/06/05	WSD	0.5			
1,1,2-Trichloroethane	PPBv	ND	06/06/05	WSD	0.5			
Trichloroethylene	PPBv	49.2	06/06/05	WSD	0.5			
Trichlorofluoromethane (Freon 11)	PPBv	2380	06/06/05	WSD	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	06/06/05	WSD	0.5			
1,2,4-Trimethylbenzene	PPBv	ND	06/06/05	WSD	0.5			
1,3,5-Trimethylbenzene	PPBv	ND	06/06/05	WSD	0.5			
Vinyl Acetate	PPBv	ND	06/06/05	WSD	0.5			
Vinyl Chloride	PPBv	ND	06/06/05	WSD	0.5			
m/p-Xylene	PPBv	ND	06/06/05	WSD	0.5			
o-Xylene	PPBv	ND	06/06/05	WSD	0.5			

RL = Reporting Limit
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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.: 2302

Project Location: GORHAM

Date Received: 6/2/2005

LIMS-BAT #: LIMS-89090

Job Number: 61965.01.0003

Field Sample #: SV-A

Analytical Method:

EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.: 2302

6/13/2005
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Project Location: GORHAM
Date Received: 6/2/2005
Field Sample #: SV-B

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Sample ID : 05B21584

Sampled : 6/1/2005
CT-3527

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acetone	PPBv	69.6	06/06/05	WSD	0.5			
Benzene	PPBv	0.5	06/06/05	WSD	0.5			
Benzyl Chloride	PPBv	ND	06/06/05	WSD	0.5			
Bromodichloromethane	PPBv	ND	06/06/05	WSD	0.5			
Bromomethane	PPBv	ND	06/06/05	WSD	0.5			
1,3-Butadiene	PPBv	ND	06/06/05	WSD	0.5			
2-Butanone (MEK)	PPBv	123.	06/06/05	WSD	0.5			
Carbon Disulfide	PPBv	ND	06/06/05	WSD	0.5			
Carbon Tetrachloride	PPBv	ND	06/06/05	WSD	0.5			
Chlorobenzene	PPBv	ND	06/06/05	WSD	0.5			
Chlorodibromomethane	PPBv	ND	06/06/05	WSD	0.5			
Chloroethane	PPBv	ND	06/06/05	WSD	0.5			
Chloroform	PPBv	ND	06/06/05	WSD	0.5			
Chloromethane	PPBv	ND	06/06/05	WSD	0.5			
Cyclohexane	PPBv	ND	06/06/05	WSD	0.5			
1,2-Dibromoethane	PPBv	ND	06/06/05	WSD	0.5			
1,2-Dichlorobenzene	PPBv	ND	06/06/05	WSD	0.5			
1,3-Dichlorobenzene	PPBv	ND	06/06/05	WSD	0.5			
1,4-Dichlorobenzene	PPBv	0.5	06/06/05	WSD	0.5			
Dichlorodifluoromethane	PPBv	0.6	06/06/05	WSD	0.5			
1,1-Dichloroethane	PPBv	ND	06/06/05	WSD	0.5			
1,2-Dichloroethane	PPBv	ND	06/06/05	WSD	0.5			
1,1-Dichloroethylene	PPBv	ND	06/06/05	WSD	0.5			
cis-1,2-Dichloroethylene	PPBv	ND	06/06/05	WSD	0.5			
t-1,2-Dichloroethylene	PPBv	ND	06/06/05	WSD	0.5			
1,2-Dichloropropane	PPBv	ND	06/06/05	WSD	0.5			
cis-1,3-Dichloropropene	PPBv	ND	06/06/05	WSD	0.5			
trans-1,3-Dichloropropene	PPBv	ND	06/06/05	WSD	0.5			
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	06/06/05	WSD	0.5			
Ethanol	PPBv	15.3	06/06/05	WSD	0.5			

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NM = Not Measured

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* = See end of report for comments and notes applying to this sample



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Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005
Field Sample #: SV-B

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Sample ID : 05B21584

Sampled : 6/1/2005
CT-3527

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Ethyl Acetate	PPBv	ND	06/06/05	WSD	0.5			
Ethylbenzene	PPBv	ND	06/06/05	WSD	0.5			
4-Ethyl Toluene	PPBv	ND	06/06/05	WSD	0.5			
n-Heptane	PPBv	ND	06/06/05	WSD	0.5			
Hexachlorobutadiene	PPBv	ND	06/06/05	WSD	0.5			
Hexane	PPBv	ND	06/06/05	WSD	0.5			
2-Hexanone	PPBv	ND	06/06/05	WSD	0.5			
Isopropanol	PPBv	ND	06/06/05	WSD	0.5			
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	06/06/05	WSD	0.5			
Methylene Chloride	PPBv	2.5	06/06/05	WSD	0.5			
4-Methyl-2-Pentanone (MIBK)	PPBv	ND	06/06/05	WSD	0.5			
Propene	PPBv	1.7	06/06/05	WSD	0.5			
Styrene	PPBv	ND	06/06/05	WSD	0.5			
1,1,2,2-Tetrachloroethane	PPBv	ND	06/06/05	WSD	0.5			
Tetrachloroethylene	PPBv	15.6	06/06/05	WSD	0.5			
Tetrahydrofuran	PPBv	844.	06/06/05	WSD	0.5			
Toluene	PPBv	1.8	06/06/05	WSD	0.5			
1,2,4-Trichlorobenzene	PPBv	ND	06/06/05	WSD	0.5			
1,1,1-Trichloroethane	PPBv	5.0	06/06/05	WSD	0.5			
1,1,2-Trichloroethane	PPBv	ND	06/06/05	WSD	0.5			
Trichloroethylene	PPBv	18.9	06/06/05	WSD	0.5			
Trichlorofluoromethane (Freon 11)	PPBv	143.	06/06/05	WSD	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	06/06/05	WSD	0.5			
1,2,4-Trimethylbenzene	PPBv	ND	06/06/05	WSD	0.5			
1,3,5-Trimethylbenzene	PPBv	ND	06/06/05	WSD	0.5			
Vinyl Acetate	PPBv	ND	06/06/05	WSD	0.5			
Vinyl Chloride	PPBv	ND	06/06/05	WSD	0.5			
m/p-Xylene	PPBv	0.9	06/06/05	WSD	0.5			
o-Xylene	PPBv	ND	06/06/05	WSD	0.5			

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Purchase Order No.: 2302

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Project Location: GORHAM
Date Received: 6/2/2005
Field Sample # : SV-B

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Analytical Method:
EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

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Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005
Field Sample #: SV-C
Sample ID: 05B21585

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Sampled: 6/1/2005
CT-1309

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acetone	PPBv	ND	06/07/05	WSD	0.5			
Benzene	PPBv	ND	06/07/05	WSD	0.5			
Benzyl Chloride	PPBv	ND	06/07/05	WSD	0.5			
Bromodichloromethane	PPBv	ND	06/07/05	WSD	0.5			
Bromomethane	PPBv	ND	06/07/05	WSD	0.5			
1,3-Butadiene	PPBv	ND	06/07/05	WSD	0.5			
2-Butanone (MEK)	PPBv	55.0	06/07/05	WSD	0.5			
Carbon Disulfide	PPBv	ND	06/07/05	WSD	0.5			
Carbon Tetrachloride	PPBv	ND	06/07/05	WSD	0.5			
Chlorobenzene	PPBv	ND	06/07/05	WSD	0.5			
Chlorodibromomethane	PPBv	ND	06/07/05	WSD	0.5			
Chloroethane	PPBv	ND	06/07/05	WSD	0.5			
Chloroform	PPBv	1.1	06/07/05	WSD	0.5			
Chloromethane	PPBv	ND	06/07/05	WSD	0.5			
Cyclohexane	PPBv	ND	06/07/05	WSD	0.5			
1,2-Dibromoethane	PPBv	ND	06/07/05	WSD	0.5			
1,2-Dichlorobenzene	PPBv	ND	06/07/05	WSD	0.5			
1,3-Dichlorobenzene	PPBv	ND	06/07/05	WSD	0.5			
1,4-Dichlorobenzene	PPBv	ND	06/07/05	WSD	0.5			
Dichlorodifluoromethane	PPBv	ND	06/07/05	WSD	0.5			
1,1-Dichloroethane	PPBv	ND	06/07/05	WSD	0.5			
1,2-Dichloroethane	PPBv	ND	06/07/05	WSD	0.5			
1,1-Dichloroethylene	PPBv	ND	06/07/05	WSD	0.5			
cis-1,2-Dichloroethylene	PPBv	1.1	06/07/05	WSD	0.5			
t-1,2-Dichloroethylene	PPBv	ND	06/07/05	WSD	0.5			
1,2-Dichloropropane	PPBv	ND	06/07/05	WSD	0.5			
cis-1,3-Dichloropropene	PPBv	ND	06/07/05	WSD	0.5			
trans-1,3-Dichloropropene	PPBv	ND	06/07/05	WSD	0.5			
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	06/07/05	WSD	0.5			
Ethanol	PPBv	ND	06/07/05	WSD	0.5			

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Project Location: GORHAM
 Date Received: 6/2/2005
 Field Sample #: SV-C

LIMS-BAT #: LIMS-89090
 Job Number: 61965.01.0003

Sample ID : 05B21585

Sampled : 6/1/2005
 CT-1309

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Ethyl Acetate	PPBv	ND	06/07/05	WSD	0.5			
Ethylbenzene	PPBv	ND	06/07/05	WSD	0.5			
4-Ethyl Toluene	PPBv	ND	06/07/05	WSD	0.5			
n-Heptane	PPBv	ND	06/07/05	WSD	0.5			
Hexachlorobutadiene	PPBv	ND	06/07/05	WSD	0.5			
Hexane	PPBv	ND	06/07/05	WSD	0.5			
2-Hexanone	PPBv	ND	06/07/05	WSD	0.5			
Isopropanol	PPBv	ND	06/07/05	WSD	0.5			
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	06/07/05	WSD	0.5			
Methylene Chloride	PPBv	ND	06/07/05	WSD	0.5			
4-Methyl-2-Pentanone (MIBK)	PPBv	ND	06/07/05	WSD	0.5			
Propene	PPBv	ND	06/07/05	WSD	0.5			
Styrene	PPBv	ND	06/07/05	WSD	0.5			
1,1,2,2-Tetrachloroethane	PPBv	ND	06/07/05	WSD	0.5			
Tetrachloroethylene	PPBv	91.8	06/07/05	WSD	0.5			
Tetrahydrofuran	PPBv	400.	06/07/05	WSD	0.5			
Toluene	PPBv	3.0	06/07/05	WSD	0.5			
1,2,4-Trichlorobenzene	PPBv	ND	06/07/05	WSD	0.5			
1,1,1-Trichloroethane	PPBv	12.6	06/07/05	WSD	0.5			
1,1,2-Trichloroethane	PPBv	ND	06/07/05	WSD	0.5			
Trichloroethylene	PPBv	504.	06/07/05	WSD	0.5			
Trichlorofluoromethane (Freon 11)	PPBv	362.	06/07/05	WSD	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	06/07/05	WSD	0.5			
1,2,4-Trimethylbenzene	PPBv	ND	06/07/05	WSD	0.5			
1,3,5-Trimethylbenzene	PPBv	ND	06/07/05	WSD	0.5			
Vinyl Acetate	PPBv	ND	06/07/05	WSD	0.5			
Vinyl Chloride	PPBv	ND	06/07/05	WSD	0.5			
m/p-Xylene	PPBv	0.7	06/07/05	WSD	0.5			
o-Xylene	PPBv	ND	06/07/05	WSD	0.5			

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Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005
Field Sample # : SV-C

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Analytical Method:
EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

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Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005
Field Sample #: SV-D

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Sample ID: 05B21586

Sampled: 6/1/2005
CT-3492

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	PPBv	17.0	06/08/05	WSD	0.5		
Benzene	PPBv	ND	06/08/05	WSD	0.5		
Benzyl Chloride	PPBv	ND	06/08/05	WSD	0.5		
Bromodichloromethane	PPBv	ND	06/08/05	WSD	0.5		
Bromomethane	PPBv	ND	06/08/05	WSD	0.5		
1,3-Butadiene	PPBv	ND	06/08/05	WSD	0.5		
2-Butanone (MEK)	PPBv	41.9	06/08/05	WSD	0.5		
Carbon Disulfide	PPBv	ND	06/08/05	WSD	0.5		
Carbon Tetrachloride	PPBv	ND	06/08/05	WSD	0.5		
Chlorobenzene	PPBv	ND	06/08/05	WSD	0.5		
Chlorodibromomethane	PPBv	ND	06/08/05	WSD	0.5		
Chloroethane	PPBv	ND	06/08/05	WSD	0.5		
Chloroform	PPBv	1.0	06/08/05	WSD	0.5		
Chloromethane	PPBv	ND	06/08/05	WSD	0.5		
Cyclohexane	PPBv	ND	06/08/05	WSD	0.5		
1,2-Dibromoethane	PPBv	ND	06/08/05	WSD	0.5		
1,2-Dichlorobenzene	PPBv	ND	06/08/05	WSD	0.5		
1,3-Dichlorobenzene	PPBv	ND	06/08/05	WSD	0.5		
1,4-Dichlorobenzene	PPBv	ND	06/08/05	WSD	0.5		
Dichlorodifluoromethane	PPBv	ND	06/08/05	WSD	0.5		
1,1-Dichloroethane	PPBv	ND	06/08/05	WSD	0.5		
1,2-Dichloroethane	PPBv	ND	06/08/05	WSD	0.5		
1,1-Dichloroethylene	PPBv	ND	06/08/05	WSD	0.5		
cis-1,2-Dichloroethylene	PPBv	0.7	06/08/05	WSD	0.5		
t-1,2-Dichloroethylene	PPBv	ND	06/08/05	WSD	0.5		
1,2-Dichloropropane	PPBv	0.7	06/08/05	WSD	0.5		
cis-1,3-Dichloropropene	PPBv	ND	06/08/05	WSD	0.5		
trans-1,3-Dichloropropene	PPBv	ND	06/08/05	WSD	0.5		
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	06/08/05	WSD	0.5		
Ethanol	PPBv	5.6	06/08/05	WSD	0.5		

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Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005
Field Sample #: SV-D

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Sample ID : 05B21586

Sampled : 6/1/2005
CT-3492

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Ethyl Acetate	PPBv	ND	06/08/05	WSD	0.5			
Ethylbenzene	PPBv	ND	06/08/05	WSD	0.5			
4-Ethyl Toluene	PPBv	ND	06/08/05	WSD	0.5			
n-Heptane	PPBv	ND	06/08/05	WSD	0.5			
Hexachlorobutadiene	PPBv	ND	06/08/05	WSD	0.5			
Hexane	PPBv	ND	06/08/05	WSD	0.5			
2-Hexanone	PPBv	ND	06/08/05	WSD	0.5			
Isopropanol	PPBv	ND	06/08/05	WSD	0.5			
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	06/08/05	WSD	0.5			
Methylene Chloride	PPBv	0.6	06/08/05	WSD	0.5			
4-Methyl-2-Pentanone (MIBK)	PPBv	ND	06/08/05	WSD	0.5			
Propene	PPBv	ND	06/08/05	WSD	0.5			
Styrene	PPBv	ND	06/08/05	WSD	0.5			
1,1,2,2-Tetrachloroethane	PPBv	ND	06/08/05	WSD	0.5			
Tetrachloroethylene	PPBv	42.1	06/08/05	WSD	0.5			
Tetrahydrofuran	PPBv	360.	06/08/05	WSD	0.5			
Toluene	PPBv	0.9	06/08/05	WSD	0.5			
1,2,4-Trichlorobenzene	PPBv	ND	06/08/05	WSD	0.5			
1,1,1-Trichloroethane	PPBv	6.6	06/08/05	WSD	0.5			
1,1,2-Trichloroethane	PPBv	ND	06/08/05	WSD	0.5			
Trichloroethylene	PPBv	748.	06/08/05	WSD	0.5			
Trichlorofluoromethane (Freon 11)	PPBv	1520	06/08/05	WSD	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	06/08/05	WSD	0.5			
1,2,4-Trimethylbenzene	PPBv	ND	06/08/05	WSD	0.5			
1,3,5-Trimethylbenzene	PPBv	ND	06/08/05	WSD	0.5			
Vinyl Acetate	PPBv	ND	06/08/05	WSD	0.5			
Vinyl Chloride	PPBv	ND	06/08/05	WSD	0.5			
m/p-Xylene	PPBv	ND	06/08/05	WSD	0.5			
o-Xylene	PPBv	ND	06/08/05	WSD	0.5			

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Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005
Field Sample #: SV-D

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Analytical Method:
EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

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Purchase Order No.: 2302

Project Location: GORHAM
 Date Received: 6/2/2005
 Field Sample #: SV-A
 Sample ID: 05B21583

LIMS-BAT #: LIMS-89090
 Job Number: 61965.01.0003

Sampled: 6/1/2005
 CT-1708
 Sample Matrix: AIR
 Sample Medium: SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acetone	ug/m3	101.	06/06/05	WSD	1.2			
Benzene	ug/m3	ND	06/06/05	WSD	1.6			
Benzyl Chloride	ug/m3	ND	06/06/05	WSD	2.6			
Bromodichloromethane	ug/m3	ND	06/06/05	WSD	3.4			
Bromomethane	ug/m3	ND	06/06/05	WSD	1.9			
1,3-Butadiene	ug/m3	ND	06/06/05	WSD	1.1			
2-Butanone (MEK)	ug/m3	266.	06/06/05	WSD	1.5			
Carbon Disulfide	ug/m3	ND	06/06/05	WSD	1.6			
Carbon Tetrachloride	ug/m3	ND	06/06/05	WSD	3.1			
Chlorobenzene	ug/m3	ND	06/06/05	WSD	2.3			
Chlorodibromomethane	ug/m3	ND	06/06/05	WSD	4.3			
Chloroethane	ug/m3	ND	06/06/05	WSD	1.3			
Chloroform	ug/m3	ND	06/06/05	WSD	2.4			
Chloromethane	ug/m3	ND	06/06/05	WSD	1.0			
Cyclohexane	ug/m3	ND	06/06/05	WSD	1.7			
1,2-Dibromoethane	ug/m3	ND	06/06/05	WSD	3.8			
1,2-Dichlorobenzene	ug/m3	ND	06/06/05	WSD	3.0			
1,3-Dichlorobenzene	ug/m3	ND	06/06/05	WSD	3.0			
1,4-Dichlorobenzene	ug/m3	ND	06/06/05	WSD	3.0			
Dichlorodifluoromethane	ug/m3	4.1	06/06/05	WSD	2.5			
1,1-Dichloroethane	ug/m3	ND	06/06/05	WSD	2.0			
1,2-Dichloroethane	ug/m3	ND	06/06/05	WSD	2.0			
1,1-Dichloroethylene	ug/m3	ND	06/06/05	WSD	2.0			
cis-1,2-Dichloroethylene	ug/m3	ND	06/06/05	WSD	2.0			
t-1,2-Dichloroethylene	ug/m3	ND	06/06/05	WSD	2.0			
1,2-Dichloropropane	ug/m3	ND	06/06/05	WSD	2.3			
cis-1,3-Dichloropropene	ug/m3	ND	06/06/05	WSD	2.3			
trans-1,3-Dichloropropene	ug/m3	ND	06/06/05	WSD	2.3			
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	06/06/05	WSD	3.5			
Ethanol	ug/m3	19.9	06/06/05	WSD	0.9			

RL = Reporting Limit
 ND = Not Detected
 NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005
Field Sample #: SV-A

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Sample ID : 05B21583

Sampled : 6/1/2005
CT-1708

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Ethyl Acetate	ug/m3	ND	06/06/05	WSD	1.8			
Ethylbenzene	ug/m3	ND	06/06/05	WSD	2.2			
4-Ethyl Toluene	ug/m3	ND	06/06/05	WSD	2.5			
n-Heptane	ug/m3	ND	06/06/05	WSD	2.0			
Hexachlorobutadiene	ug/m3	ND	06/06/05	WSD	5.3			
Hexane	ug/m3	ND	06/06/05	WSD	1.8			
2-Hexanone	ug/m3	ND	06/06/05	WSD	2.0			
Isopropanol	ug/m3	ND	06/06/05	WSD	1.2			
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	06/06/05	WSD	1.8			
Methylene Chloride	ug/m3	ND	06/06/05	WSD	1.7			
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	06/06/05	WSD	2.0			
Propene	ug/m3	ND	06/06/05	WSD	0.9			
Styrene	ug/m3	ND	06/06/05	WSD	2.1			
1,1,2,2-Tetrachloroethane	ug/m3	ND	06/06/05	WSD	3.4			
Tetrachloroethylene	ug/m3	18.4	06/06/05	WSD	3.4			
Tetrahydrofuran	ug/m3	1780	06/06/05	WSD	1.5			
Toluene	ug/m3	2.4	06/06/05	WSD	1.9			
1,2,4-Trichlorobenzene	ug/m3	ND	06/06/05	WSD	3.7			
1,1,1-Trichloroethane	ug/m3	12.1	06/06/05	WSD	2.7			
1,1,2-Trichloroethane	ug/m3	ND	06/06/05	WSD	2.7			
Trichloroethylene	ug/m3	265.	06/06/05	WSD	2.7			
Trichlorofluoromethane	ug/m3	13400	06/06/05	WSD	2.8			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	06/06/05	WSD	3.8			
1,2,4-Trimethylbenzene	ug/m3	ND	06/06/05	WSD	2.5			
1,3,5-Trimethylbenzene	ug/m3	ND	06/06/05	WSD	2.5			
Vinyl Acetate	ug/m3	ND	06/06/05	WSD	1.8			
Vinyl Chloride	ug/m3	ND	06/06/05	WSD	1.3			
m/p-Xylene	ug/m3	ND	06/06/05	WSD	2.2			
o-Xylene	ug/m3	ND	06/06/05	WSD	2.2			

RL = Reporting Limit

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Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005
Field Sample # : SV-A

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Analytical Method:
EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit
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Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005
Field Sample #: SV-B

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Sample ID : 05B21584

Sampled : 6/1/2005
CT-3527

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	ug/m3	165.	06/06/05	WSD	1.2			
Benzene	ug/m3	1.7	06/06/05	WSD	1.6			
Benzyl Chloride	ug/m3	ND	06/06/05	WSD	2.6			
Bromodichloromethane	ug/m3	ND	06/06/05	WSD	3.4			
Bromomethane	ug/m3	ND	06/06/05	WSD	1.9			
1,3-Butadiene	ug/m3	ND	06/06/05	WSD	1.1			
2-Butanone (MEK)	ug/m3	362.	06/06/05	WSD	1.5			
Carbon Disulfide	ug/m3	ND	06/06/05	WSD	1.6			
Carbon Tetrachloride	ug/m3	ND	06/06/05	WSD	3.1			
Chlorobenzene	ug/m3	ND	06/06/05	WSD	2.3			
Chlorodibromomethane	ug/m3	ND	06/06/05	WSD	4.3			
Chloroethane	ug/m3	ND	06/06/05	WSD	1.3			
Chloroform	ug/m3	ND	06/06/05	WSD	2.4			
Chloromethane	ug/m3	ND	06/06/05	WSD	1.1			
Cyclohexane	ug/m3	ND	06/06/05	WSD	1.7			
1,2-Dibromoethane	ug/m3	ND	06/06/05	WSD	3.8			
1,2-Dichlorobenzene	ug/m3	ND	06/06/05	WSD	3.0			
1,3-Dichlorobenzene	ug/m3	ND	06/06/05	WSD	3.1			
1,4-Dichlorobenzene	ug/m3	3.2	06/06/05	WSD	3.0			
Dichlorodifluoromethane	ug/m3	2.9	06/06/05	WSD	2.5			
1,1-Dichloroethane	ug/m3	ND	06/06/05	WSD	2.0			
1,2-Dichloroethane	ug/m3	ND	06/06/05	WSD	2.0			
1,1-Dichloroethylene	ug/m3	ND	06/06/05	WSD	2.0			
cis-1,2-Dichloroethylene	ug/m3	ND	06/06/05	WSD	2.0			
t-1,2-Dichloroethylene	ug/m3	ND	06/06/05	WSD	2.0			
1,2-Dichloropropane	ug/m3	ND	06/06/05	WSD	2.3			
cis-1,3-Dichloropropene	ug/m3	ND	06/06/05	WSD	2.3			
trans-1,3-Dichloropropene	ug/m3	ND	06/06/05	WSD	2.3			
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	06/06/05	WSD	3.5			
Ethanol	ug/m3	28.8	06/06/05	WSD	0.9			

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Purchase Order No.: 2302

Project Location: GORHAM
 Date Received: 6/2/2005
 Field Sample #: SV-B
 Sample ID: 05B21584

LIMS-BAT #: LIMS-89090
 Job Number: 61965.01.0003

Sampled: 6/1/2005
 CT-3527
 Sample Medium: SUMMA

Sample Matrix: AIR

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Ethyl Acetate	ug/m3	ND	06/06/05	WSD	1.8			
Ethylbenzene	ug/m3	ND	06/06/05	WSD	2.2			
4-Ethyl Toluene	ug/m3	ND	06/06/05	WSD	2.5			
n-Heptane	ug/m3	ND	06/06/05	WSD	2.0			
Hexachlorobutadiene	ug/m3	ND	06/06/05	WSD	5.3			
Hexane	ug/m3	ND	06/06/05	WSD	1.8			
2-Hexanone	ug/m3	ND	06/06/05	WSD	2.0			
Isopropanol	ug/m3	ND	06/06/05	WSD	1.2			
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	06/06/05	WSD	1.8			
Methylene Chloride	ug/m3	8.8	06/06/05	WSD	1.7			
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	06/06/05	WSD	2.0			
Propene	ug/m3	2.9	06/06/05	WSD	0.9			
Styrene	ug/m3	ND	06/06/05	WSD	2.1			
1,1,2,2-Tetrachloroethane	ug/m3	ND	06/06/05	WSD	3.4			
Tetrachloroethylene	ug/m3	106.	06/06/05	WSD	3.4			
Tetrahydrofuran	ug/m3	2490	06/06/05	WSD	1.5			
Toluene	ug/m3	6.8	06/06/05	WSD	1.9			
1,2,4-Trichlorobenzene	ug/m3	ND	06/06/05	WSD	3.7			
1,1,1-Trichloroethane	ug/m3	27.2	06/06/05	WSD	2.7			
1,1,2-Trichloroethane	ug/m3	ND	06/06/05	WSD	2.7			
Trichloroethylene	ug/m3	101.	06/06/05	WSD	2.7			
Trichlorofluoromethane	ug/m3	803.	06/06/05	WSD	2.8			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	06/06/05	WSD	3.8			
1,2,4-Trimethylbenzene	ug/m3	ND	06/06/05	WSD	2.5			
1,3,5-Trimethylbenzene	ug/m3	ND	06/06/05	WSD	2.5			
Vinyl Acetate	ug/m3	ND	06/06/05	WSD	1.8			
Vinyl Chloride	ug/m3	ND	06/06/05	WSD	1.3			
m/p-Xylene	ug/m3	3.9	06/06/05	WSD	2.2			
o-Xylene	ug/m3	ND	06/06/05	WSD	2.2			

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Purchase Order No.: 2302

Project Location: GORHAM

LIMS-BAT #: LIMS-89090

Date Received: 6/2/2005

Job Number: 61965.01.0003

Field Sample #: SV-B

Analytical Method:

EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

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Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005
Field Sample #: SV-C

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Sample ID : 05B21585

Sampled : 6/1/2005
CT-1309

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acetone	ug/m3	ND	06/07/05	WSD	1.2			
Benzene	ug/m3	ND	06/07/05	WSD	1.6			
Benzyl Chloride	ug/m3	ND	06/07/05	WSD	2.6			
Bromodichloromethane	ug/m3	ND	06/07/05	WSD	3.4			
Bromomethane	ug/m3	ND	06/07/05	WSD	1.9			
1,3-Butadiene	ug/m3	ND	06/07/05	WSD	1.1			
2-Butanone (MEK)	ug/m3	162.	06/07/05	WSD	1.5			
Carbon Disulfide	ug/m3	ND	06/07/05	WSD	1.6			
Carbon Tetrachloride	ug/m3	ND	06/07/05	WSD	3.1			
Chlorobenzene	ug/m3	ND	06/07/05	WSD	2.3			
Chlorodibromomethane	ug/m3	ND	06/07/05	WSD	4.3			
Chloroethane	ug/m3	ND	06/07/05	WSD	1.3			
Chloroform	ug/m3	5.3	06/07/05	WSD	2.4			
Chloromethane	ug/m3	ND	06/07/05	WSD	1.0			
Cyclohexane	ug/m3	ND	06/07/05	WSD	1.7			
1,2-Dibromoethane	ug/m3	ND	06/07/05	WSD	3.8			
1,2-Dichlorobenzene	ug/m3	ND	06/07/05	WSD	3.0			
1,3-Dichlorobenzene	ug/m3	ND	06/07/05	WSD	3.0			
1,4-Dichlorobenzene	ug/m3	ND	06/07/05	WSD	3.1			
Dichlorodifluoromethane	ug/m3	ND	06/07/05	WSD	2.5			
1,1-Dichloroethane	ug/m3	ND	06/07/05	WSD	2.0			
1,2-Dichloroethane	ug/m3	ND	06/07/05	WSD	2.0			
1,1-Dichloroethylene	ug/m3	ND	06/07/05	WSD	2.0			
cis-1,2-Dichloroethylene	ug/m3	4.2	06/07/05	WSD	2.0			
t-1,2-Dichloroethylene	ug/m3	ND	06/07/05	WSD	2.0			
1,2-Dichloropropane	ug/m3	ND	06/07/05	WSD	2.4			
cis-1,3-Dichloropropene	ug/m3	ND	06/07/05	WSD	2.3			
trans-1,3-Dichloropropene	ug/m3	ND	06/07/05	WSD	2.3			
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	06/07/05	WSD	3.5			
Ethanol	ug/m3	ND	06/07/05	WSD	0.9			

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Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005
Field Sample # : SV-C

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Sample ID : 05B21585

Sampled : 6/1/2005
CT-1309

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Ethyl Acetate	ug/m3	ND	06/07/05	WSD	1.8			
Ethylbenzene	ug/m3	ND	06/07/05	WSD	2.2			
4-Ethyl Toluene	ug/m3	ND	06/07/05	WSD	2.5			
n-Heptane	ug/m3	ND	06/07/05	WSD	2.0			
Hexachlorobutadiene	ug/m3	ND	06/07/05	WSD	5.3			
Hexane	ug/m3	ND	06/07/05	WSD	1.8			
2-Hexanone	ug/m3	ND	06/07/05	WSD	2.0			
Isopropanol	ug/m3	ND	06/07/05	WSD	1.2			
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	06/07/05	WSD	1.8			
Methylene Chloride	ug/m3	ND	06/07/05	WSD	1.7			
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	06/07/05	WSD	2.0			
Propene	ug/m3	ND	06/07/05	WSD	0.9			
Styrene	ug/m3	ND	06/07/05	WSD	2.1			
1,1,2,2-Tetrachloroethane	ug/m3	ND	06/07/05	WSD	3.4			
Tetrachloroethylene	ug/m3	623.	06/07/05	WSD	3.4			
Tetrahydrofuran	ug/m3	1180	06/07/05	WSD	1.5			
Toluene	ug/m3	11.2	06/07/05	WSD	1.9			
1,2,4-Trichlorobenzene	ug/m3	ND	06/07/05	WSD	3.7			
1,1,1-Trichloroethane	ug/m3	68.7	06/07/05	WSD	2.7			
1,1,2-Trichloroethane	ug/m3	ND	06/07/05	WSD	2.7			
Trichloroethylene	ug/m3	2710	06/07/05	WSD	2.7			
Trichlorofluoromethane	ug/m3	2030	06/07/05	WSD	2.8			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	06/07/05	WSD	3.8			
1,2,4-Trimethylbenzene	ug/m3	ND	06/07/05	WSD	2.5			
1,3,5-Trimethylbenzene	ug/m3	ND	06/07/05	WSD	2.5			
Vinyl Acetate	ug/m3	ND	06/07/05	WSD	1.8			
Vinyl Chloride	ug/m3	ND	06/07/05	WSD	1.3			
m/p-Xylene	ug/m3	3.0	06/07/05	WSD	2.2			
o-Xylene	ug/m3	ND	06/07/05	WSD	2.2			

RL = Reporting Limit

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Purchase Order No.: 2302

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Project Location: GORHAM
Date Received: 6/2/2005
Field Sample #: SV-C

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Analytical Method:
EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

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Purchase Order No.: 2302

Project Location: GORHAM
 Date Received: 6/2/2005
 Field Sample #: SV-D

LIMS-BAT #: LIMS-89090
 Job Number: 61965.01.0003

Sample ID : 05B21586

Sampled : 6/1/2005
 CT-3492

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/m3	40.4	06/08/05	WSD	1.2		
Benzene	ug/m3	ND	06/08/05	WSD	1.6		
Benzyl Chloride	ug/m3	ND	06/08/05	WSD	2.6		
Bromodichloromethane	ug/m3	ND	06/08/05	WSD	3.4		
Bromomethane	ug/m3	ND	06/08/05	WSD	1.9		
1,3-Butadiene	ug/m3	ND	06/08/05	WSD	1.1		
2-Butanone (MEK)	ug/m3	124.	06/08/05	WSD	1.5		
Carbon Disulfide	ug/m3	ND	06/08/05	WSD	1.6		
Carbon Tetrachloride	ug/m3	ND	06/08/05	WSD	3.1		
Chlorobenzene	ug/m3	ND	06/08/05	WSD	2.3		
Chlorodibromomethane	ug/m3	ND	06/08/05	WSD	4.3		
Chloroethane	ug/m3	ND	06/08/05	WSD	1.3		
Chloroform	ug/m3	5.0	06/08/05	WSD	2.4		
Chloromethane	ug/m3	ND	06/08/05	WSD	1.0		
Cyclohexane	ug/m3	ND	06/08/05	WSD	1.7		
1,2-Dibromoethane	ug/m3	ND	06/08/05	WSD	3.8		
1,2-Dichlorobenzene	ug/m3	ND	06/08/05	WSD	3.0		
1,3-Dichlorobenzene	ug/m3	ND	06/08/05	WSD	3.0		
1,4-Dichlorobenzene	ug/m3	ND	06/08/05	WSD	3.0		
Dichlorodifluoromethane	ug/m3	ND	06/08/05	WSD	2.5		
1,1-Dichloroethane	ug/m3	ND	06/08/05	WSD	2.0		
1,2-Dichloroethane	ug/m3	ND	06/08/05	WSD	2.0		
1,1-Dichloroethylene	ug/m3	ND	06/08/05	WSD	2.0		
cis-1,2-Dichloroethylene	ug/m3	2.9	06/08/05	WSD	2.0		
t-1,2-Dichloroethylene	ug/m3	ND	06/08/05	WSD	2.0		
1,2-Dichloropropane	ug/m3	3.4	06/08/05	WSD	2.3		
cis-1,3-Dichloropropene	ug/m3	ND	06/08/05	WSD	2.3		
trans-1,3-Dichloropropene	ug/m3	ND	06/08/05	WSD	2.3		
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	06/08/05	WSD	3.5		
Ethanol	ug/m3	10.6	06/08/05	WSD	0.9		

RL = Reporting Limit
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 NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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JILL PARRETT
EA ENGINEERING SCIENCE & TECH. - RI
2350 POST ROAD
WARWICK, RI 02886

6/13/2005
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Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005
Field Sample #: SV-D

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Sample ID : 05B21586

Sampled : 6/1/2005
CT-3492

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Ethyl Acetate	ug/m3	ND	06/08/05	WSD	1.8			
Ethylbenzene	ug/m3	ND	06/08/05	WSD	2.2			
4-Ethyl Toluene	ug/m3	ND	06/08/05	WSD	2.5			
n-Heptane	ug/m3	ND	06/08/05	WSD	2.0			
Hexachlorobutadiene	ug/m3	ND	06/08/05	WSD	5.3			
Hexane	ug/m3	ND	06/08/05	WSD	1.8			
2-Hexanone	ug/m3	ND	06/08/05	WSD	2.0			
Isopropanol	ug/m3	ND	06/08/05	WSD	1.2			
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	06/08/05	WSD	1.8			
Methylene Chloride	ug/m3	2.0	06/08/05	WSD	1.7			
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	06/08/05	WSD	2.0			
Propene	ug/m3	ND	06/08/05	WSD	0.9			
Styrene	ug/m3	ND	06/08/05	WSD	2.1			
1,1,2,2-Tetrachloroethane	ug/m3	ND	06/08/05	WSD	3.4			
Tetrachloroethylene	ug/m3	285.	06/08/05	WSD	3.4			
Tetrahydrofuran	ug/m3	1060	06/08/05	WSD	1.5			
Toluene	ug/m3	3.3	06/08/05	WSD	1.9			
1,2,4-Trichlorobenzene	ug/m3	ND	06/08/05	WSD	3.7			
1,1,1-Trichloroethane	ug/m3	36.0	06/08/05	WSD	2.7			
1,1,2-Trichloroethane	ug/m3	ND	06/08/05	WSD	2.7			
Trichloroethylene	ug/m3	4020	06/08/05	WSD	2.7			
Trichlorofluoromethane	ug/m3	8540	06/08/05	WSD	2.8			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	06/08/05	WSD	3.8			
1,2,4-Trimethylbenzene	ug/m3	ND	06/08/05	WSD	2.5			
1,3,5-Trimethylbenzene	ug/m3	ND	06/08/05	WSD	2.5			
Vinyl Acetate	ug/m3	ND	06/08/05	WSD	1.8			
Vinyl Chloride	ug/m3	ND	06/08/05	WSD	1.3			
m/p-Xylene	ug/m3	ND	06/08/05	WSD	2.2			
o-Xylene	ug/m3	ND	06/08/05	WSD	2.2			

RL = Reporting Limit

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Purchase Order No.: 2302

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Project Location: GORHAM
Date Received: 6/2/2005
Field Sample # : SV-D

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

Analytical Method:
EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit
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6/13/2005
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Purchase Order No.: 2302

Project Location: GORHAM
Date Received: 6/2/2005

LIMS-BAT #: LIMS-89090
Job Number: 61965.01.0003

** END OF REPORT **

RL = Reporting Limit
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SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/13/2005 Lims Bat # : LIMS-89090 Page 1 of 3

QC Batch Number: BATCH-8878

Sample Id	Analysis	QC Analysis	Values	Units	Limits
05B21583	4-Bromofluorobenzene	Surrogate Recovery	103.9	%	70-130
05B21584	4-Bromofluorobenzene	Surrogate Recovery	96.5	%	70-130
05B21585	4-Bromofluorobenzene	Surrogate Recovery	98.4	%	70-130
05B21586	4-Bromofluorobenzene	Surrogate Recovery	99.8	%	70-130
BLANK-74569	Acetone	Blank	<1.2	ug/m3	
	Benzene	Blank	<1.6	ug/m3	
	Carbon Tetrachloride	Blank	<3.1	ug/m3	
	Chloroform	Blank	<2.4	ug/m3	
	1,2-Dichloroethane	Blank	<2.0	ug/m3	
	1,4-Dichlorobenzene	Blank	<3.0	ug/m3	
	Ethyl Acetate	Blank	<1.8	ug/m3	
	Ethylbenzene	Blank	<2.2	ug/m3	
	Hexane	Blank	<1.8	ug/m3	
	Isopropanol	Blank	<1.2	ug/m3	
	2-Butanone (MEK)	Blank	<1.5	ug/m3	
	4-Methyl-2-Pentanone (MIBK)	Blank	<2.0	ug/m3	
	Styrene	Blank	<2.1	ug/m3	
	Tetrachloroethylene	Blank	<3.4	ug/m3	
	Toluene	Blank	<1.9	ug/m3	
	1,1,1-Trichloroethane	Blank	<2.7	ug/m3	
	Trichloroethylene	Blank	<2.7	ug/m3	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<3.8	ug/m3	
	Trichlorofluoromethane	Blank	<2.8	ug/m3	
	o-Xylene	Blank	<2.2	ug/m3	
	m/p-Xylene	Blank	<2.2	ug/m3	
	1,2-Dichlorobenzene	Blank	<3.0	ug/m3	
	1,3-Dichlorobenzene	Blank	<3.0	ug/m3	
	1,1-Dichloroethane	Blank	<2.0	ug/m3	
	1,1-Dichloroethylene	Blank	<2.0	ug/m3	
	Ethanol	Blank	<0.9	ug/m3	
	4-Ethyl Toluene	Blank	<2.5	ug/m3	
	Methyl tert-Butyl Ether (MTBE)	Blank	<1.8	ug/m3	
	t-1,2-Dichloroethylene	Blank	<2.0	ug/m3	
	Vinyl Chloride	Blank	<1.3	ug/m3	
	Methylene Chloride	Blank	<1.7	ug/m3	
	Chlorobenzene	Blank	<2.3	ug/m3	
	Chloromethane	Blank	<1.0	ug/m3	
	Bromomethane	Blank	<1.9	ug/m3	
	Chloroethane	Blank	<1.3	ug/m3	



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QC SUMMARY REPORT

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Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/13/2005

Lims Bat #: LIMS-89090

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QC Batch Number: BATCH-8878

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-74569					
	cis-1,3-Dichloropropene	Blank	<2.3	ug/m3	
	trans-1,3-Dichloropropene	Blank	<2.3	ug/m3	
	Chlorodibromomethane	Blank	<4.3	ug/m3	
	1,1,2-Trichloroethane	Blank	<2.7	ug/m3	
	1,1,2,2-Tetrachloroethane	Blank	<3.4	ug/m3	
	Hexachlorobutadiene	Blank	<5.3	ug/m3	
	1,2,4-Trichlorobenzene	Blank	<3.7	ug/m3	
	1,2,4-Trimethylbenzene	Blank	<2.5	ug/m3	
	1,3,5-Trimethylbenzene	Blank	<2.5	ug/m3	
	Cyclohexane	Blank	<1.7	ug/m3	
	cis-1,2-Dichloroethylene	Blank	<2.0	ug/m3	
	1,2-Dichloropropane	Blank	<2.3	ug/m3	
	Dichlorodifluoromethane	Blank	<2.5	ug/m3	
	Benzyl Chloride	Blank	<2.6	ug/m3	
	Carbon Disulfide	Blank	<1.6	ug/m3	
	Vinyl Acetate	Blank	<1.8	ug/m3	
	2-Hexanone	Blank	<2.0	ug/m3	
	Bromodichloromethane	Blank	<3.4	ug/m3	
	1,2-Dibromoethane	Blank	<3.8	ug/m3	
	n-Heptane	Blank	<2.0	ug/m3	
	1,2-Dichlorotetrafluoroethane (114)	Blank	<3.5	ug/m3	
	Tetrahydrofuran	Blank	<1.5	ug/m3	
	Propene	Blank	<0.9	ug/m3	
	1,3-Butadiene	Blank	<1.1	ug/m3	



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QC SUMMARY REPORT

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Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/13/2005 Lims Bat #: LIMS-89090 Page 3 of 3

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.

LIMITS Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.

Sample Amount Amount of analyte found in a sample.

Blank Method Blank that has been taken though all the steps of the analysis.

LFBLANK Laboratory Fortified Blank (a control sample)

STDADD Standard Added (a laboratory control sample)

Matrix Spk Amt Added Amount of analyte spiked into a sample
MS Amt Measured Amount of analyte found including amount that was spiked
Matrix Spike % Rec. % Recovery of spiked amount in sample.

Duplicate Value The result from the Duplicate analysis of the sample.
Duplicate RPD The Relative Percent Difference between two Duplicate Analyses.

Surrogate Recovery The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.

Sur. Recovery (ELCD) Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID) Surrogate Recovery on the Photoionization Detector.

Standard Measured Amount measured for a laboratory control sample
Standard Amt Added Known value for a laboratory control sample
Standard % Recovery % recovered for a laboratory control sample with a known value.

Lab Fort Blank Amt Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).

Lab Fort Bl. Av. Rec. Laboratory Fortified Blank Average Recovery

Duplicate Sample Amt Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured Matrix Spike Duplicate Amount Measured
MSD % Recovery Matrix Spike Duplicate % Recovery
MSD Range Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries



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ANALYTICAL LABORATORY

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413.525.6405 (fax)

RESULTS FOR TO-15

Lab ID Number: 05B21583
Client ID Number: SV-A

LIMS Number: 89090
Date Analyzed: 6/9/05
Analyst: WD

<u>Analyte:</u>	Sample Results UG/M3	Sample Results PPBv	MDL UG/M3	MDL PPBv
Isopropylbenzene	ND	ND	2.5	0.5
n-Propylbenzene	ND	ND	2.5	0.5
Tert-butylbenzene	ND	ND	2.7	0.5
Sec-Butylbenzene	ND	ND	2.7	0.5
p-Isopropyltoluene	ND	ND	2.7	0.5
N-Butylbenzene	ND	ND	2.7	0.5
Naphthalene	2.2	0.4	2.6	0.5
Surrogate Recovery (4-Bromofluorobenzene)	104.9	%		

MDL = Minimum Detectable Limit

ND = Not Detected

PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

Sampled into a Summa Canister. Analyzed by GCMS.



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ANALYTICAL LABORATORY

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RESULTS FOR TO-15

Lab ID Number: 05B21584
Client ID Number: SV-B

LIMS Number: 89090
Date Analyzed: 6/9/05
Analyst: WD

<u>Analyte:</u>	Sample Results UG/M3	Sample Results PPBv	MDL UG/M3	MDL PPBv
Isopropylbenzene	1.3	0.3	2.5	0.5
n-Propylbenzene	ND	ND	2.5	0.5
Tert-butylbenzene	ND	ND	2.7	0.5
Sec-Butylbenzene	1.0	0.2	2.7	0.5
p-Isopropyltoluene	ND	ND	2.7	0.5
N-Butylbenzene	ND	ND	2.7	0.5
Naphthalene	4.3	0.8	2.6	0.5
Surrogate Recovery (4-Bromofluorobenzene)	102.6	%		

MDL = Minimum Detectable Limit

ND = Not Detected

PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

Sampled into a Summa Canister. Analyzed by GCMS.



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RESULTS FOR TO-15

Lab ID Number: 05B21585
Client ID Number: SV-C

LIMS Number: 89090
Date Analyzed: 6/9/05
Analyst: WD

<u>Analyte:</u>	Sample Results UG/M3	Sample Results PPBv	MDL UG/M3	MDL PPBv
Isopropylbenzene	ND	ND	2.5	0.5
n-Propylbenzene	ND	ND	2.5	0.5
Tert-butylbenzene	ND	ND	2.7	0.5
Sec-Butylbenzene	ND	ND	2.7	0.5
p-Isopropyltoluene	ND	ND	2.7	0.5
N-Butylbenzene	ND	ND	2.7	0.5
Naphthalene	2.0	0.4	2.6	0.5
Surrogate Recovery (4-Bromofluorobenzene)	82.8	%		

MDL = Minimum Detectable Limit

ND = Not Detected

PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

Sampled into a Summa Canister. Analyzed by GCMS.



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RESULTS FOR TO-15

Lab ID Number: 05B21586
Client ID Number: SV-D

LIMS Number: 89090
Date Analyzed: 6/8/05
Analyst: WD

<u>Analyte:</u>	<u>Sample Results</u> UG/M3	<u>Sample Results</u> PPBv	MDL UG/M3	MDL PPBv
Isopropylbenzene	ND	ND	2.5	0.5
n-Propylbenzene	ND	ND	2.5	0.5
Tert-butylbenzene	ND	ND	2.7	0.5
Sec-Butylbenzene	ND	ND	2.7	0.5
p-Isopropyltoluene	ND	ND	2.7	0.5
N-Butylbenzene	ND	ND	2.7	0.5
Naphthalene	1.3	0.3	2.6	0.5
Surrogate Recovery (4-Bromofluorobenzene)	102.1	%		

MDL = Minimum Detectable Limit

ND = Not Detected

PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

Sampled into a Summa Canister. Analyzed by GCMS.

