

NOV 10 1995

**REMEDIAL ACTION REPORT FOR  
CONDENSATE TANK CLOSURE  
COMPRESSOR BUILDING NO. 2  
PROVIDENCE GAS COMPANY  
642 ALLENS AVENUE  
PROVIDENCE, RHODE ISLAND**

**PREPARED BY:**

**RESOURCE CONTROLS' REMEDIAL SERVICES, INC., INC.  
474 BROADWAY  
PAWTUCKET, RHODE ISLAND 02860  
(401) 728-6860**

**October 20, 1995**

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**RESOURCE  
CONTROL'S**  
Remedial Services, Inc.

The proven solution to your  
environmental needs.

November 8, 1995

NOV 10 1995

Department of Environmental Management  
291 Promenade Street  
Providence, RI 02908


ATTENTION: Carol Gendron  
SUBJECT: Tank Closure Report  
Allens Avenue  
Providence, Rhode Island

Dear Carol:

Enclosed is the Condensate Tank Closure Report for the condensate tank located at Providence Gas, Allens Avenue, Providence, Rhode Island. As indicated in the text, the tank and related contaminants have been removed as approved in the remedial plan.

Very truly yours,

RESOURCE CONTROL'S REMEDIAL SERVICES, INC.

  
Richard G. Bell, Jr.  
President

RGB:lap  
JN#R2000  
"F:\PG\C\EX\TKREPDEM.LET"

Enclosure

cc: Eric Beck - DEM

157 Turner Road  
Scituate, MA 02066  
617 784-5229

474 Broadway  
Providence, RI 02860  
Tel 728-6860  
Fax 401 727-1849

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SOURCE CONTROLS

# LETTER OF TRANSMITTAL

DEC - 6 1995

To: DEPT. OF ENVIRONMENTAL MANAGEMENT Date: December 4, 1995  
291 Promenade Street Job Title: \_\_\_\_\_  
Providence, RI 02908 Job No.: R2000  
 Attn: Carol Gendron Re: \_\_\_\_\_

We are sending you attached ~~under separate cover~~ via first class mail the following items:

- Shop Drawings
- Prints
- Plans
- Samples
- Copy of Letter
- Change Order
- Specifications
- Other \_\_\_\_\_

| COPIES | DATE | IDENT. NO. | DESCRIPTION |
|--------|------|------------|-------------|
|        |      |            |             |
|        |      |            |             |
|        |      |            |             |
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These are transmitted as checked below:

- For approval
- For your use
- As requested
- For review & comment
- Approved as submitted
- Approved as noted
- Returned for corrections
- For instruction
- Resubmit \_\_\_\_\_ copies for approval
- Return \_\_\_\_\_ corrected prints

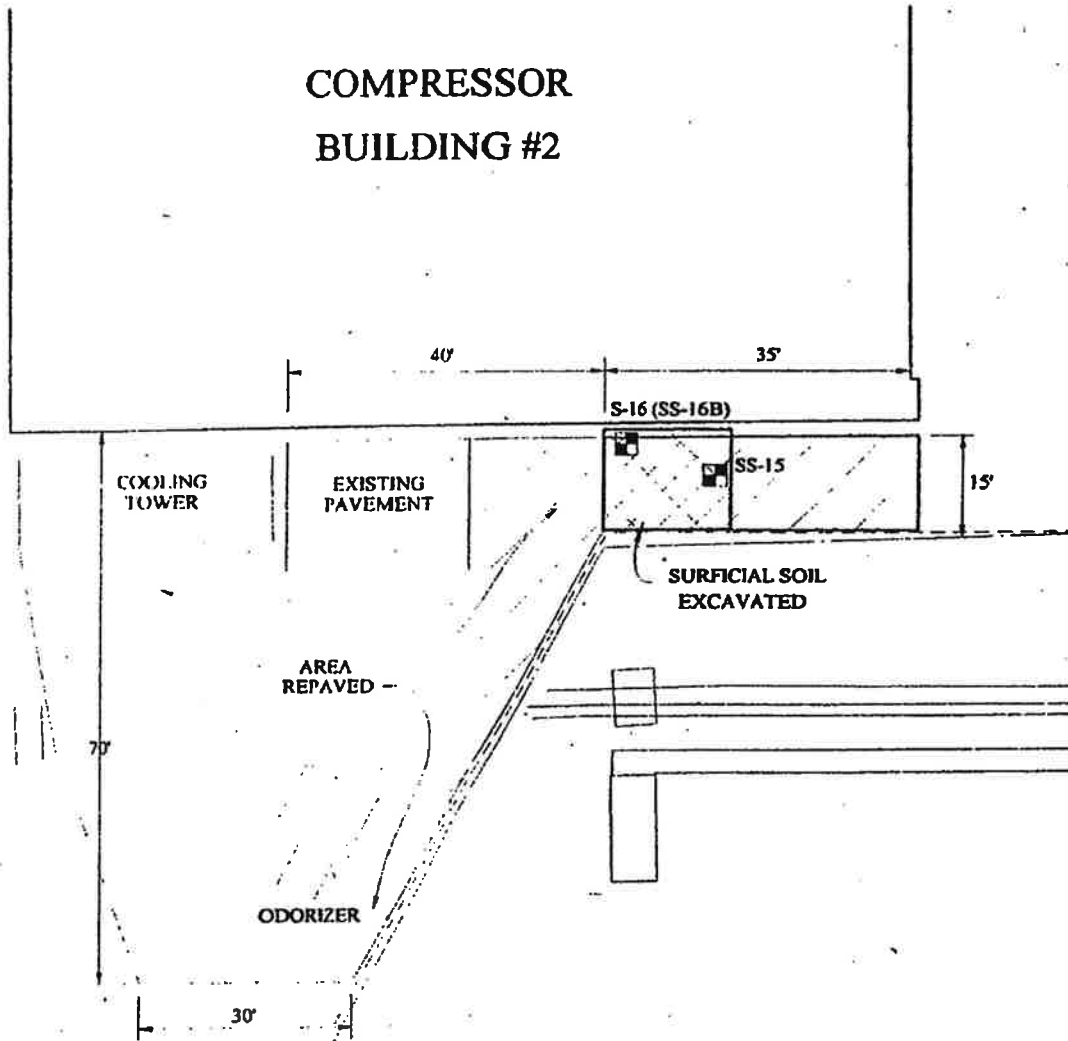
Remarks Enclosed please find replacement pages which correspond to  
Remedial Action Report for Condensate Tank Closure - Prov.  
Gas Co., Allens Avenue, Providence, Rhode Island.

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Copy to: \_\_\_\_\_ Signed: LAURA A. PARTRIDGE



**COMPRESSOR  
BUILDING #2**



**RESOURCE  
CONTROLS**

The goal is to achieve the highest environmental results.

1. Environmental Health & Safety (EHS)  
2. Environmental Quality (EQ)  
3. Environmental Compliance (EC)

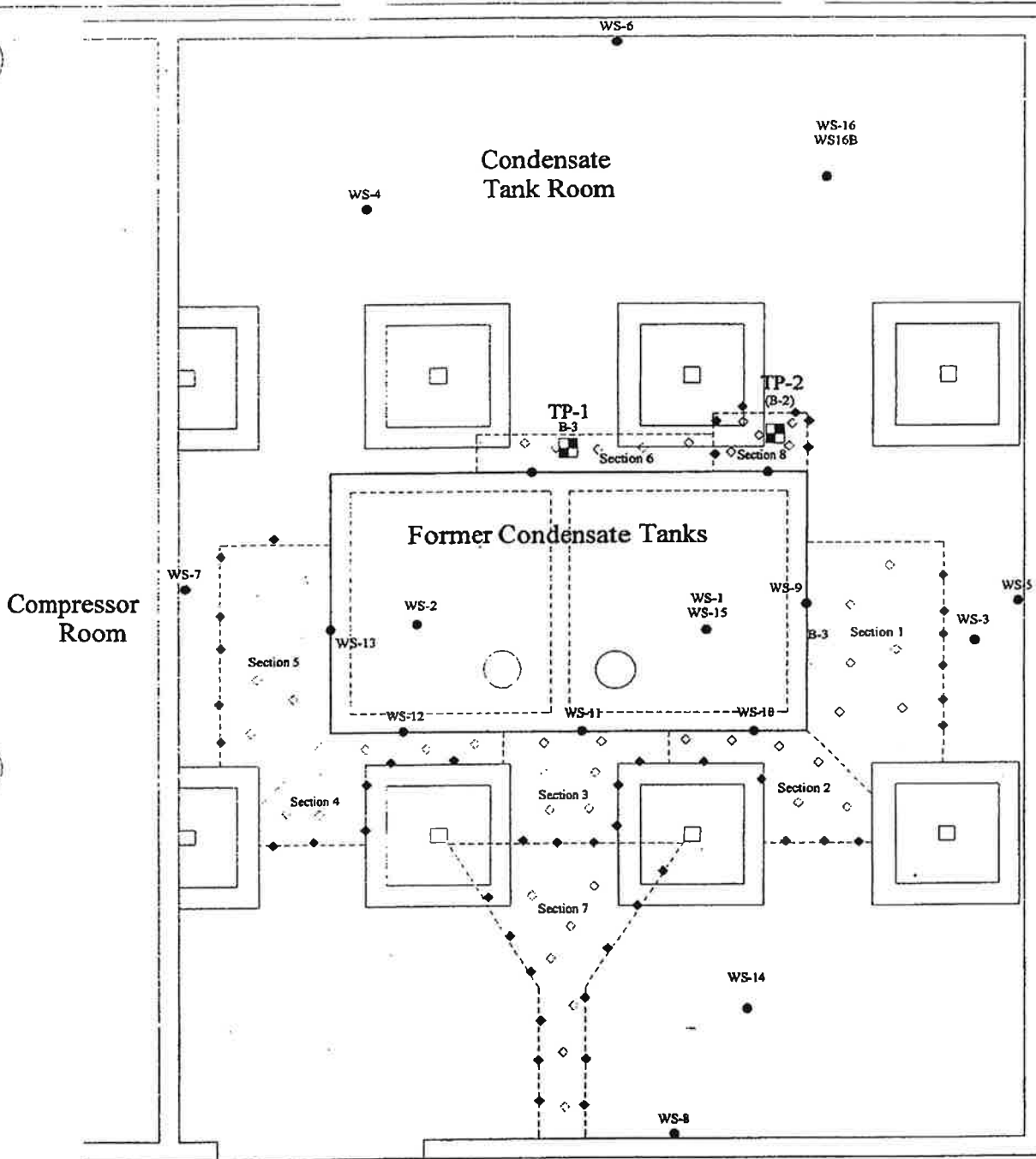
4. Environmental Stewardship (ES)  
5. Environmental Innovation (EI)

**Exerior Soil Excavation  
Providence Gas Company  
642 Allens Avenue  
Providence, Rhode Island**

| SCALE | PROJECT | FILE     | FIGURE | REV. |
|-------|---------|----------|--------|------|
| NONE  | R2000   | R2000CAD | 3      | 1    |

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- Test Pit Locations
- Wipe Sample Locations
- ◆ Wall Sample Aliquot Locations
- ◇ Floor Sample Aliquot Locations

**RESOURCE CONTROL ASSOCIATES, INC.**  
 474 Broadway  
 Pawtucket, Rhode Island

**Figure 2 - Excavation & Soil Sample Locations**  
 Providence Gas Company  
 Compressor Building No. 2  
 642 Allens Avenue  
 Providence, Rhode Island

|      | DRAWN    | CHECKED  | APPROVED | SCALE  | PROJECT NO. | DRAWING NUMBER | REV. |
|------|----------|----------|----------|--------|-------------|----------------|------|
| BY   | MSH      | RGB      | RCA      | 1: 100 | R-2000      | 002            | 0    |
| DATE | 10-14-95 | 10-27-95 | 10-27-95 |        |             |                |      |

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Providence Gas Company  
Compressor Building No. 2  
Analytical Results

| Sample Date                            | Analysis Date | Sample ID  | Sample Description                            | Sample Location                  | Sample Depth | Analytical Results |
|--|---------------|------------|---|----------------------------------|--------------|--------------------|
| <b>Sidewall and Floor Soil Samples</b> |               |            |   |                                  |              |                    |
| 7/28/95                                | 7/31/95       | W-1        | Section 1 Wall Composite                      | Section 1                        | 1-5'         | < 0.5 mg/Kg        |
| 7/28/95                                | 7/31/95       | F-1        | Section 1 Floor Composite                     | Section 1                        | 6'           | 9.1 mg/Kg          |
| 8/1/95                                 | 8/2/95        | W-2        | Section 2 Wall Composite                      | Section 2                        | 1-5'         | 24 mg/Kg           |
| 8/1/95                                 | 8/2/95        | F-2        | Section 2 Floor Composite                     | Section 2                        | 6'           | 3 mg/Kg            |
| 8/1/95                                 | 8/2/95        | W-3        | Section 3 Wall Composite                      | Section 3                        | 1-5'         | 120 mg/Kg          |
| 8/1/95                                 | 8/2/95        | F-3        | Section 3 Floor Composite                     | Section 3                        | 6'           | 90 mg/Kg           |
| 8/3/95                                 | 8/4/95        | W-3b       | Section 3 Wall Composite (Add'l excavation)   | Section 3                        | 1-5'         | 390 mg/Kg*         |
| 8/3/95                                 | 8/4/95        | F-3b       | Section 3 Floor Composite (Add'l excavation)  | Section 3                        | 6.5'         | 17 mg/Kg           |
| 8/4/95                                 | 8/4/95        | W-4        | Section 4 Wall Composite                      | Section 4                        | 1-5'         | 32 mg/Kg           |
| 8/4/95                                 | 8/4/95        | F-4        | Section 4 Floor Composite                     | Section 4                        | 6'           | 52 mg/Kg           |
| 8/7/95                                 | 8/8/95        | F-4B       | Section 4 Floor Composite (Add'l excavation)  | Section 4                        | 6.5'         | 180 mg/Kg          |
| 8/8/95                                 | 8/9/95        | F-4C       | Section 4 Floor Composite (Add'l excavation)  | Section 4                        | 7'           | 62 mg/Kg           |
| 8/9/95                                 | 8/10/95       | F-4D       | Section 4 Floor Composite (Add'l excavation)  | Section 4                        | 7.5'         | 25 mg/Kg           |
| 8/7/95                                 | 8/8/95        | F-5        | Section 5 Floor Composite                     | Section 5                        | 6'           | <0.5 mg/Kg         |
| 8/7/95                                 | 8/8/95        | W-5        | Section 5 Wall Composite                      | Section 5                        | 1-5'         | <0.5 mg/Kg         |
| 8/8/95                                 | 8/9/95        | W-6        | Section 6 Wall Composite                      | Section 6                        | 1-5'         | <0.29 mg/Kg        |
| 8/8/95                                 | 8/9/95        | F-6        | Section 6 Floor Composite                     | Section 6                        | 5'           | 15 mg/Kg           |
| 8/10/95                                | 8/11/95       | W-7A       | Section 7 East Wall Composite                 | Section 7                        | 2-3'         | 4.9 mg/Kg          |
| 8/10/95                                | 8/11/95       | W-7B       | Section 7 West Wall Composite                 | Section 7                        | 1-3'         | 1.6 mg/Kg          |
| 8/10/95                                | 8/11/95       | F-7        | Section 7 Floor Composite                     | Section 7                        | 1-3'         | <0.25 mg/Kg        |
| 8/14/95                                | 8/15/95       | F-8        | Section 8 Floor Composite                     | Section 8                        | 1-1.5'       | 13 mg/Kg           |
| 8/2/95                                 | 8/3/95        | TP-1 (0-1) | Test Pit from east vent area 0-1' below grade | Section 6                        | 0-1'         | 110 mg/Kg          |
| 8/2/95                                 | 8/3/95        | TP-1 (3-4) | Test Pit from east vent area 3-4' below grade | Section 6                        | 3-4'         | 7.9 mg/Kg          |
| 8/2/95                                 | 8/3/95        | TP-1 (5-6) | Test Pit from east vent area 5-6' below grade | Section 6                        | 5-6'         | 6.8 mg/Kg          |
| 8/2/95                                 | 8/3/95        | TP-2 (0-1) | Test Pit from west vent area 0-1' below grade | Section 8                        | 0-1'         | 3.2 mg/Kg          |
| 8/2/95                                 | 8/3/95        | TP-2 (3-4) | Test Pit from west vent area 3-4' below grade | Section 8                        | 3-4'         | 56 mg/Kg           |
| 8/2/95                                 | 8/3/95        | TP-2 (5-6) | Test Pit from west vent area 5-6' below grade | Section 8                        | 5-6'         | 7.0 mg/Kg          |
| <b>Wipe Samples</b>                    |               |            |   |                                  |              |                    |
| 7/17/95                                | 7/18/95       | WS-1       | East Side of Vault (Floor Sample)             | 10' from S wall/5' from E wall   | -            | < 5 ug/100 cm      |
| 7/17/95                                | 7/18/95       | WS-2       | West Side of Vault Floor Sample               | 5' from W side of vault - center | -            | < 5 ug/100 cm      |
| 7/18/95                                | 7/19/95       | WS-3       | East Floor                                    | 5' from E side of vault - center | -            | < 5 ug/100 cm      |
| 7/18/95                                | 7/19/95       | WS-4       | Northwest Floor                               | 10' from N wall/10' from W wall  | -            | < 5 ug/100 cm      |
| 7/18/95                                | 7/19/95       | WS-5       | East Wall                                     | Center of wall 5' from floor     | -            | < 5 ug/100 cm      |
| 7/18/95                                | 7/19/95       | WS-6       | North Wall                                    | Center of wall 5' from floor     | -            | < 5 ug/100 cm      |
| 7/18/95                                | 7/19/95       | WS-7       | West Wall                                     | Center of wall 5' from floor     | -            | < 5 ug/100 cm      |
| 7/18/95                                | 7/19/95       | WS-8       | South Wall                                    | Center of wall 5' from floor     | -            | < 5 ug/100 cm      |
| 7/28/95                                | 7/31/95       | WS-9       | East Vault Wall (5' below grade)              | Section 1                        | 5'           | < 5 ug/100 cm      |
| 8/1/95                                 | 8/2/95        | WS-10      | South Vault Wall (5' below grade) - Section 2 | Section 2                        | 5'           | < 5 ug/100 cm      |
| 8/1/95                                 | 8/2/95        | WS-11      | South Vault Wall (5' below grade) - Section 3 | Section 3                        | 5'           | < 5 ug/100 cm      |
| 8/4/95                                 | 8/4/95        | WS-12      | South Vault Wall (5' below grade) - Section 4 | Section 4                        | 5'           | < 5 ug/100 cm      |
| 8/7/95                                 | 8/8/95        | WS-13      | West Vault Wall (5' below grade) - Section 5  | Section 5                        | 5'           | < 5 ug/100 cm      |
| 8/23/95                                | 8/29/95       | WS-14      | South Floor                                   | 5' from S side of floor - center | -            | 26 ug/100 cm       |
| 8/23/95                                | 8/29/95       | WS-15      | Vault   | 10' from S wall - center         | -            | < 5 ug/100 cm      |
| 8/23/95                                | 8/29/95       | WS-16      | North Floor                                   | 10' from N wall - center         | -            | 91 ug/100 cm       |
| 9/1/95                                 | 9/5/95        | WS-16B     | North Floor                                   | 10' from N wall - center         | -            | 12 ug/100 cm       |
| <b>Wood Samples</b>                    |               |            |   |                                  |              |                    |
| 8/2/95                                 | 8/3/95        | B-1        | Wood Sample from East Side of Vault           | Section 1                        | 1-6'         | <0.60 mg/Kg        |
| 8/2/95                                 | 8/3/95        | B-2        | Wood Sample from Northeast Side of Vault      | Section 6                        | 1-6'         | 27 mg/Kg           |
| 8/2/95                                 | 8/3/95        | B-3        | Wood Sample from Northwest Side of Vault      | Section 8                        | 1-6'         | <0.50 mg/Kg        |
| 8/4/95                                 | 8/4/95        | B-2 (0-1)  | Wood Sample - Northeast Side of Vault (0-1')  | Section 6                        | 0-1'         | <4.9 mg/Kg         |
| 8/4/95                                 | 8/4/95        | B-2 (3-4)  | Wood Sample - Northeast Side of Vault (3-4')  | Section 6                        | 3-4'         | 41 mg/Kg           |
| 8/4/95                                 | 8/4/95        | B-2 (5-6)  | Wood Sample - Northeast Side of Vault (5-6')  | Section 6                        | 5-6'         | <4.4 mg/Kg         |
| 8/7/95                                 | 8/8/95        | B-4 (0-1') | Wood Sample - Southwest Side of Vault (0-1')  | Section 8                        | 0-1'         | <1.3 mg/Kg         |
| 8/7/95                                 | 8/8/95        | B-4 (3-4') | Wood Sample - Southwest Side of Vault (3-4')  | Section 8                        | 3-4'         | <0.83 mg/Kg        |
| 8/7/95                                 | 8/8/95        | B-4 (5-6') | Wood Sample - Southwest Side of Vault (5-6')  | Section 8                        | 5-6'         | <1.0 mg/Kg         |
| <b>Stockpile Samples</b>               |               |            |   |                                  |              |                    |
| 7/26/95                                | 7/27/95       | P-1        | Five Yds3 from Section 1                      | Section 1                        | -            | 5.1 mg/Kg          |
| 7/26/95                                | 7/27/95       | P-2        | Five Yds3 from Section 1                      | Section 1                        | -            | < 0.2 mg/Kg        |
| 8/1/95                                 | 8/2/95        | P-3        | Five Yds3 from Section 1                      | Section 1                        | -            | < 0.3 mg/Kg        |
| 8/1/95                                 | 8/2/95        | P-4        | Five Yds3 from Section 2                      | Section 2                        | -            | < 0.3 mg/Kg        |
| 8/1/95                                 | 8/2/95        | P-5        | Five Yds3 from Section 2                      | Section 2                        | -            | < 0.3 mg/Kg        |
| 8/1/95                                 | 8/2/95        | P-6        | Five Yds3 from Section 3                      | Section 3                        | -            | 270 mg/Kg          |
| 8/1/95                                 | 8/2/95        | P-7        | Five Yds3 from Section 3                      | Section 3                        | -            | 140 mg/Kg          |
| 8/3/95                                 | 8/4/95        | P-8        | Five Yds3 from Section 3                      | Section 3                        | -            | 370 mg/Kg          |
| 8/4/95                                 | 8/4/95        | P-9        | Five Yds3 from Section 4                      | Section 4                        | -            | < 2.5 mg/Kg        |
| 8/4/95                                 | 8/4/95        | P-10       | Five Yds3 from Section 4                      | Section 4                        | -            | 53 mg/Kg           |
| 8/7/95                                 | 8/8/95        | P-11       | Five Yds3 from Section 5                      | Section 5                        | -            | <0.5 mg/Kg         |
| 8/8/95                                 | 8/9/95        | P-12       | Five Yds3 from Section 6                      | Section 6                        | -            | 46 mg/Kg           |
| 8/11/95                                | 8/14/95       | P-13       | Five Yds3 from Section 7                      | Section 7                        | -            | 43 mg/Kg           |
| 8/14/95                                | 8/15/95       | P-14       | Five Yds3 from Section 8                      | Section 8                        | -            | 17 mg/Kg           |
| <b>Exterior Soil Samples</b>           |               |            |   |                                  |              |                    |
| 8/29/95                                | 8/30/95       | SS-15      | Southeast Side of Building                    | -                                | 0.5'         | 1.7 mg/Kg          |
| 8/29/95                                | 8/30/95       | SS-16      | Southwest Side of Building                    | -                                | 0.5'         | 94 mg/Kg           |
| 9/1/95                                 | 9/5/95        | SS-16B     | Southwest Side of Building                    | -                                | 0.5'         | 12 mg/Kg           |

Note: \* - Excavation of Section 3 was resumed in Section 7

**REMEDIAL ACTION REPORT FOR  
CONDENSATE TANK CLOSURE  
COMPRESSOR BUILDING NO. 2**

**PROVIDENCE GAS FACILITY  
642 ALLENS AVENUE  
PROVIDENCE, RHODE ISLAND**

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**REMEDIAL ACTION REPORT  
CONDENSATE TANK CLOSURE  
FOR COMPRESSOR BUILDING NO. 2**

**PROVIDENCE GAS FACILITY  
642 ALLENS AVENUE  
PROVIDENCE, RHODE ISLAND**

**1.00 BACKGROUND AND SITE LOCATION**

The Subject Site is located at the Providence Gas Company facility on Allens Avenue, which consists of a 41.5 acre parcel of land on the east side of Allens Avenue in Providence, Rhode Island. The Site is located on the south central side of the facility and includes a steel frame and brick structure identified as Compressor Building No. 2, plus the surrounding land.

This building houses two compressors that formerly fed the High-Pressure Propane Building where propane and air gas were mixed for distribution. Condensation from the gas handling systems, which contain small amounts of compressor oil were collected and stored in two 10,000 gallon concrete underground storage tanks (USTs). Previous Site investigations performed by Resource Controls revealed that these USTs collectively contained approximately 4,600 gallons of condensate and oil, which contained up to 280 parts per million (ppm) of polychlorinated biphenyl (PCB).

On June 29, 1994, Providence Gas submitted an application to the Rhode Island Department of Environmental Management (RIDEM) for closure of the tanks in place. Permanent closure was initiated on October 26, 1994. During closure, PCBs were detected in soils outside the tanks. Additionally, as a result of sampling activities conducted under an independent Site-wide Field Characterization program, PCBs were also detected in surficial soils located outside the building. As a result, the scope of remedial activities covered by this report were broadened to include removal of the vault construction timbers that contained PCBs in excess of 50 ppm from areas inside the building and in the vicinity of the tank. Removal of surficial soils containing PCBs in excess of 25 ppm outside the building were also required.

The Remedial Plan implemented was submitted to RIDEM in July, 1995 and was subsequently approved. The purpose of this report is to present the field remedial activities completed to date at the facility.

**2.00 PRE-REMEDATION ACTIVITIES**

A revised Site Health and Safety Plan designed to accommodate all aspects of the subject Remedial Action Plan, including worker health and safety; containment of contaminated soil and debris to within specified work zones; personnel and equipment decontamination; groundwater handling, treatment, and discharge; disposal of PCB contaminated materials; and appropriate record keeping was prepared.

RESOURCE CONTROLS  
PAGE 2

An application for a temporary discharge permit to treat and discharge treated groundwater to the Narragansett Bay Commission (NBC) Sanitary Sewer was submitted. As indicated in the attached Discharge permit issued by NBC, discharge of the treated groundwater was allowed at a rate of up to 80 gallons per minute (gpm) with batch monitoring of PCBs (Method 8080), Total Oil and Grease (Method 513) and TPH (Method 418.1). The collected groundwater was analyzed prior to discharge and during discharge to the sewer system. The results of all analytical parameters in both sampling rounds were all well below Limits established in the NBC discharge permit.

A structural evaluation of the existing building was performed to define potential risk to the existing structure that could occur as a result of proposed dewatering activities. Structural protection of existing interior footings were also evaluated. As shown in the attached Structural Evaluation, additional support for the interior footings was recommended and the depth of the excavation was limited to the base of the column footings to prevent undermining.

### **3.00 FLOOR REMOVAL ACTIVITIES**

Prior to the removal of the concrete flooring, all equipment and stored materials from within the condensate tank room were decontaminated or removed and disposed of as PCB-contaminated debris in rolloff containers. Following cleaning activities, a total of sixteen wipe samples were collected from equipment that was decontaminated and reclaimed for reuse by Providence Gas. The analytical results of the wipe samples ranged from less than 5 micrograms per 100 square centimeters ( $\text{ug}/100 \text{ cm}^2$ ) to  $5 \text{ ug}/100 \text{ cm}^2$ .

Upon decontamination and removal of the equipment, the floor and side walls of the inside of the condensate tank room were steam cleaned up to an elevation of 6 feet above the slab with confirmatory wipe test sampling and analysis of representative locations of the floor and walls. A total of four samples of the cleaned floor and one sample from each wall were collected and analyzed. In all but one sample, no concentrations were found above the detection limit of  $5 \text{ ug}/100 \text{ cm}^2$ . The sample collected from the southeast corner of the floor contained a PCB concentration of  $6.8 \text{ ug}/100 \text{ cm}^2$ , which was significantly lower than the established action level of  $100 \text{ ug}/100 \text{ cm}^2$ .

Following the decontamination of the floor and walls, a six foot floor section surrounding the tank was saw cut and removed to allow access to the soils outside the tanks. The removed concrete was stockpiled outside the building for reuse as backfill in the vaults at the conclusion of the remedial activities or as general fill elsewhere on site.

### **4.00 GROUNDWATER MANAGEMENT ACTIVITIES**

Dewatering of the water table was required to allow complete removal of vault construction timbers and contaminated soil from around the exterior of the condensate tanks. Specifically, a reduction in the elevation of groundwater was anticipated to be approximately 2 feet around the tanks to allow access to soils at the base of the timbers and to allow compaction of the clean backfill after contaminated soil and timbers were removed.

Dewatering was accomplished by means of an electric 3-inch submersible pump located in an 18-inch diameter, slotted, galvanized steel culvert, installed approximately 3.5 feet into groundwater. Initially, Resource Controls anticipated the installation of up to six groundwater recovery wells in various locations adjacent to the tanks. However, due to significantly different field conditions encountered, only one was needed.

The dewatering pump rate varied depending upon field conditions encountered, however the average flow rate for the duration of the project was approximately 40 gallons per hour. Recovered groundwater was pumped to a 22,000 gallon Frac Tank where silt and oil were separated. Since the amount of collected groundwater was approximately 100,000 gallons, which was significantly less than anticipated, discharge of the collected groundwater was completed in a one-day batch event at the end of the project instead of continuous discharge during remedial activities.

## 5.00 SOIL AND TIMBER REMOVAL ACTIVITIES

Prior to the initiation of excavation activities, the interior supporting columns were surveyed to establish original elevations of the columns. During excavation activities, the elevations of the columns were checked on an average of twice per day. No shift or settlement of the columns were detected to within an accuracy of 1/100<sup>th</sup> of an inch during the entire project

Soil surrounding the timbers attached to the exterior walls of the tank were excavated to allow access to the timbers. Typical average depths of the excavations were 5½ to 6 feet below grade. Following removal of soils in each section of the excavation, confirmatory samples were collected from the limits of the excavation at a frequency of 1 side wall composite sample and 1 base of the excavation composite sample. The composite sample consisted of 6 grab sample aliquots (See attached site plan for section locations). As the attached analytical table indicates, PCB levels on the walls and floor of the excavations in Sections 1, 2, 5, 6, 7 and 8 were less than 50 parts per million (ppm). In Section 3, additional excavation of the side wall and floor were required after the initial PCB levels of 120 ppm and 90 ppm respectively were found. Additional excavation of one foot deeper and two feet further out on the sidewall resulted in PCB levels of 390 ppm on the wall and 17 ppm on the floor. Further excavation of the sidewall at that time was not feasible due to the potential for undermining the structural integrity of the load bearing columns in that area. The soils left in place were later excavated under Section 7. In Section 4, after the initial excavation, PCB levels on the floor were detected at 52 ppm. Three subsequent excavations were conducted removing ½ foot layers at a time until PCB levels were below 50 ppm.

Removed soil were visually segregated into 5 cubic yard piles and a composite sample of each pile was then obtained and analyzed for PCB. Soils confirmed to contain less than 50 ppm of PCB were segregated on 6 mil polyethylene for temporary storage pending completion of the excavation and then used as backfill. Soils confirmed to contain greater than 50 ppm were temporarily staged in the building and then placed in a rolloff box for disposal.

The timbers that were removed from around the tank were stockpiled in the building pending disposal options. Upon removal, timbers were segregated by areal location in relation to the tank (ie. east, south, etc.) and stockpiled. Disposal of all timbers as PCB-contaminated debris was selected as the most practical option and all timbers were placed in the rolloffs with the contaminated soil.

Following removal of the timbers, the exterior concrete walls of the tank were steam cleaned and a representative wipe sample was then obtained and analyzed for PCB. None of the wipe results were greater than 100ug/100cm<sup>2</sup> ( See attached Table for analytical results). All wash and rinse water was collected and transferred to the frac tank.

#### **6.00 TEST PIT OPERATIONS**

As the excavation operations progressed, analytical results indicated that contamination was potentially confined to the southern end of the vault where the majority of the piping connected to the tank was located. The basis for this belief was that soil samples from the side walls and base of the east and west sides of the tank, identified as Section 1 and 5 respectively, were very low. As a result, test pit operations were conducted on the north and east sides of the vault. At each location soil and wood samples were collected at depths of 0-12 inches, 36-48 inches and 60-72 inches below grade. Based on the results, additional excavation was required in the location of the vent pipe on the east vault chamber, identified as Section 6 and surficial excavation in the vicinity of the vent pipe on the west vault chamber identified as Section 8. However, all other analytical results of wood and soil samples showed PCB levels less than 50 ppm.

#### **7.00 BACKFILL AND CLOSURE ACTIVITIES**

Upon receipt of acceptable confirmatory sample analysis results from the sidewalls and the base of each excavation, soils previously removed from the excavation and shown to contain less than 50 ppm of PCB, were used as backfill around the exterior of the tank. As discussed earlier, clean crushed stone was used below the original water table and previously soils, and clean imported fill was placed in the excavation above the water table and compacted in one foot lifts.

At the conclusion of the excavation and backfilling operations around the tanks, the interior of the tanks were filled in-place with the crushed concrete floor removed prior to excavation, mixed with flowable fill sand slurry to within 6 inches of the vault ceilings. The top 6 inches of the vaults were filled with 3,500 psi concrete and then the entire floor was resurfaced with 2 inches of 3,500 psi concrete.



## 10.00 EXTERIOR SOIL REMOVAL

Soil sampling activities conducted prior to remediation indicated elevated PCB levels in the vicinity of the remote fill lines located on the south side of the building. PCB levels lessened as distance from the remote fills increased. As a result, a 10 foot by 15 foot area, centered on the remote fills, was excavated to a depth of 12 inches below grade. A confirmatory sample was collected from the excavated area and the results showed the PCB levels in the excavation area at less than 25 ppm PCB. The excavated soil was consolidated with soils removed from around the exterior of the condensate tanks that contained greater than 50 ppm PCB, and placed and placed in the rolloffs for off-site disposal.

Following receipt of acceptable confirmatory results, the excavation was backfilled with clean fill, compacted to match existing grade and paved with a minimum of 3 inches of bituminous asphalt.

## 9.00 DISPOSAL ACTIVITIES

A total of 52 tons of contaminated soil and debris were shipped via railcar to Envirosafe Services of Idaho, located in Grandview, Idaho, an approved TSCA facility. Other off-site disposal included two drums of contaminated disposable personnel protective equipment. The drummed material was shipped to Jet Line Services in Lowell, Massachusetts (See Appendix D for copies of Hazardous Waste Manifests).

## 10.00 CONCLUSIONS

Based on the foregoing, it is Resource Controls opinion that the two 7,000 gallon capacity underground storage tanks formerly used for the accumulation of PCB-contaminated oil and water have been closed in compliance with the RIDEM-approved closure plan. Additionally, it is our opinion that soils containing PCB in excess of 50 ppm have been removed from the vault area under the building and soils in excess of 25 ppm have been removed from the vicinity of the exterior remote fills.

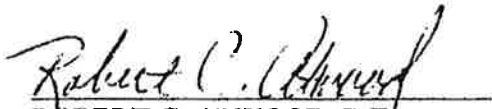
## 11.00 LIMITATIONS AND REPORT AUTHORIZATION


This report addresses the environmental characteristics of the subject property with regard to the release of or possible presence of oil and/or hazardous materials. It is not intended to guarantee that the subject property is or is not free from conditions, materials or substances which could adversely impact the environment or pose a threat to public health and safety. Rather, it is intended to be used as a summary of available information on existing conditions, the conclusions of which are based upon a reasonable and knowledgeable review of evidence found in accordance with normally accepted industry standards, State of Federal protocols, and within the scope approved by the RIDEM. Should further research on the subject property be warranted, any additional data obtained must be reviewed by Resource Controls and the conclusions presented herein may be modified accordingly.

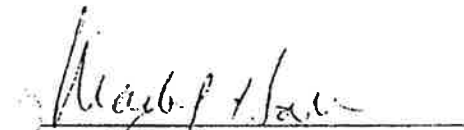
This report in total has been prepared on behalf of and for the exclusive use of Providence Gas Company, solely for use in an environmental evaluation of the subject property. This report or any part thereof, may not be altered, used, relied upon or reproduced by any party without first obtaining written permission from Resource Controls.

Conclusions stated herein are based on the available information summarized herein and refer only to the specific subject property investigated. No warranty is implied or given and the report is subject to the terms and conditions of the contract.

This report has been prepared and reviewed by the undersigned staff in accordance with Resource Controls' standard Quality Control Procedures.

  
ROBERT C. ATWOOD, P.E.  
President

  
RICHARD G. BELL, JR.  
Vice President and Senior Environmental  
Remediation Specialist

  
MARK S. HALL  
Project Environmental Scientist

JOB NO.: R2000

SITE: Providence Gas Company  
642 Allens Avenue  
Providence, Rhode Island

DATE: October 20, 1995

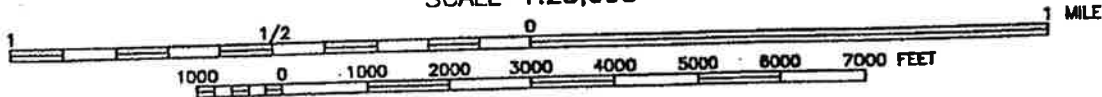
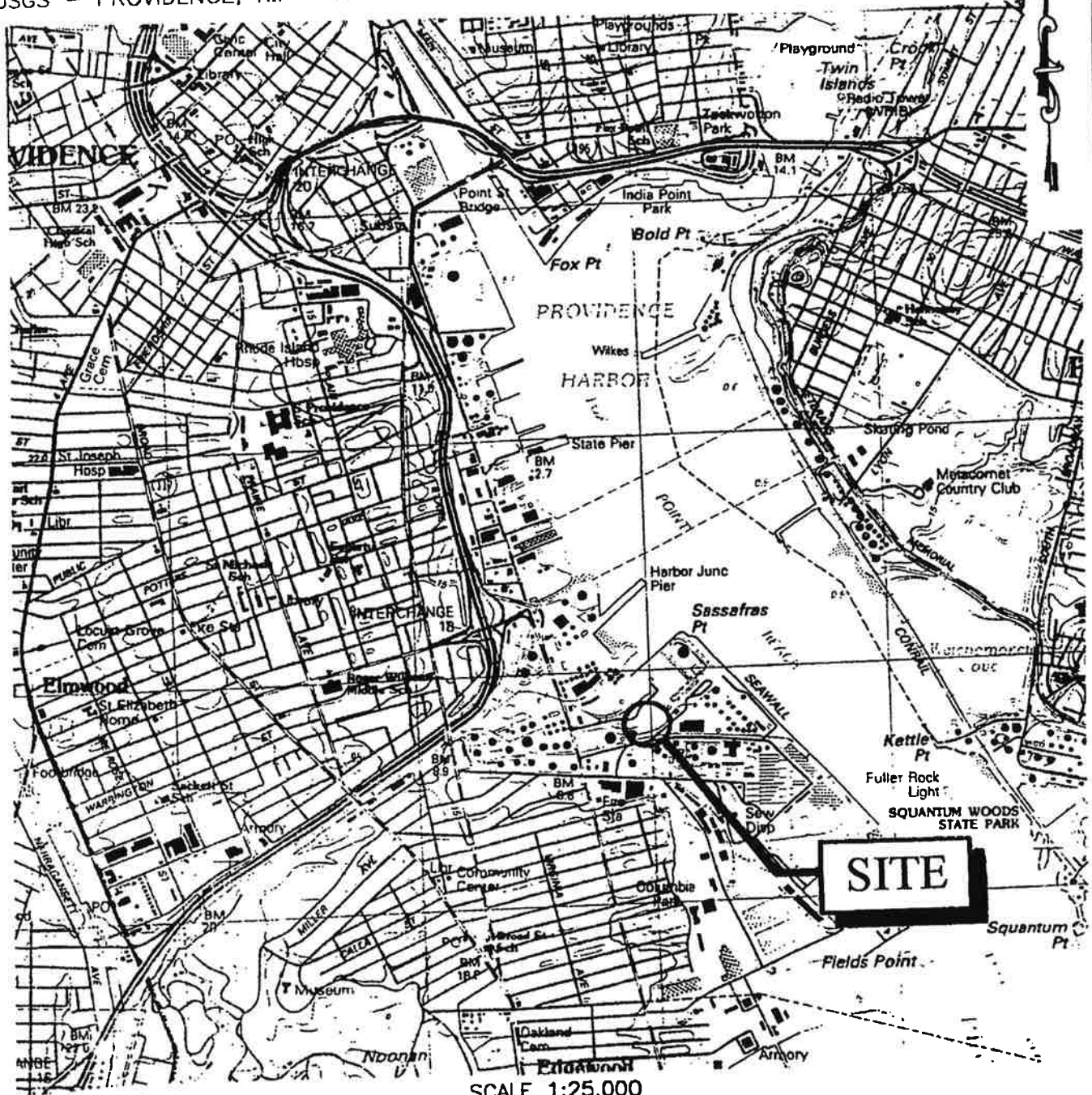
RESOURCE CONTROLS  
PAGE 7

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**APPENDIX A**

**Figures**

USGS - PROVIDENCE, R.I. - MASS. QUADRANGLE



**RESOURCE CONTROLS**



The proven solution to your environmental needs.

474 Broadway, Pawtucket, RI 02860  
401 728-6860 Fax 401 727-1849

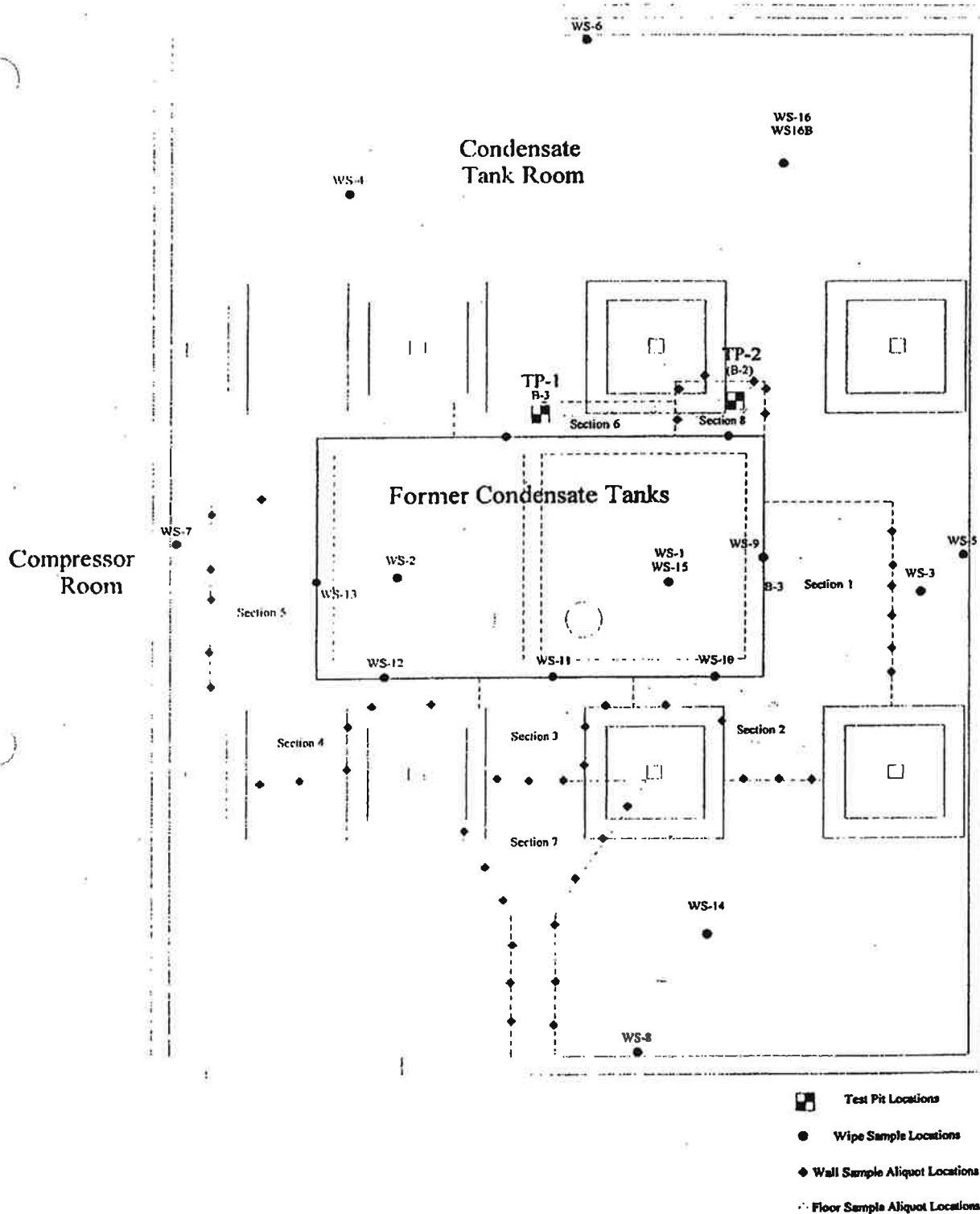
157 Turner Road, Scltuote, MA 02068  
617 784-5229

**LOCUS MAP**

PROVIDENCE GAS COMPANY  
642 ALLENS AVENUE  
PROVIDENCE, RHODE ISLAND

| SCALE    | PROJECT | FILE | FIGURE | REV. |
|----------|---------|------|--------|------|
| 1:25,000 | A2000   |      | 1      | 1    |

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EOIPROV0005568



RESOURCE CONTROL ASSOCIATES, INC.  
 474 Broadway  
 Pawtucket, Rhode Island

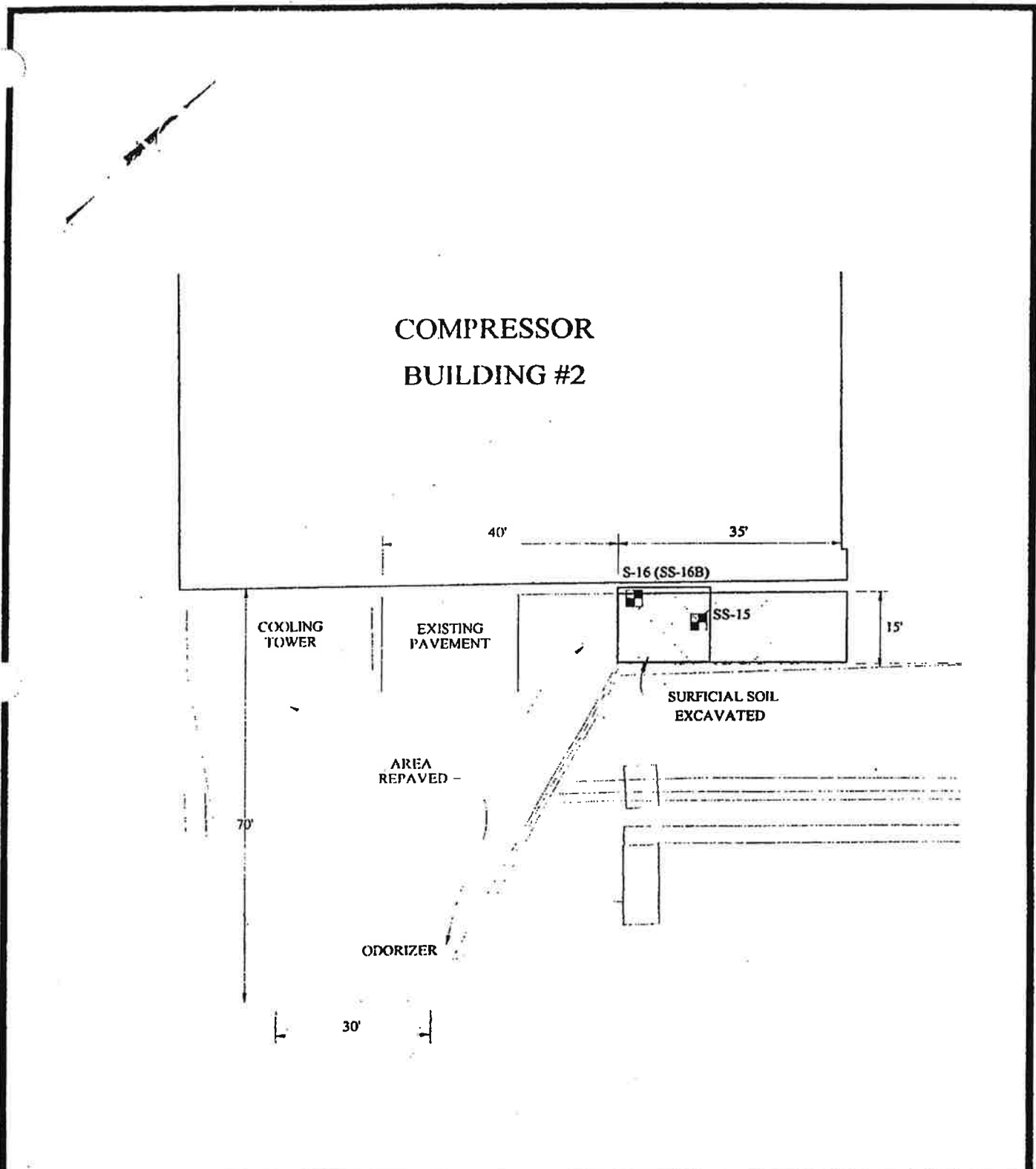
**Figure 2 - Excavation & Soil Sample Locations**

Providence Gas Company  
 Compressor Building No. 2  
 642 Allens Avenue  
 Providence, Rhode Island

|      |          |          |          |
|------|----------|----------|----------|
| BY   | DRAWN    | CHECKED  | APPROVED |
| DATE | MSII     | RGB      | RCA      |
|      | 10-14-95 | 10-27-95 | 10-27-95 |

|        |            |                |     |
|--------|------------|----------------|-----|
| SCALE  | PROJECT NO | DRAWING NUMBER | REV |
| 1: 100 | R-2000     | 002            | 0   |

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 EOIPROV0005569



**RESOURCE  
CONTROLS**

2000  
2001  
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2017  
2018  
2019  
2020

**Exerior Soil Excavation**  
**Providence Gas Company**  
**642 Allens Avenue**  
**Providence, Rhode Island**

| SCALE | PROJECT | FILE     | FIGURE | REV. |
|-------|---------|----------|--------|------|
| NONE  | R2000   | R2000CAD | 3      | 1    |

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 EO1PROV0005570

**APPENDIX B**

**Tables**

Providence Gas Company  
Compressor Building No. 2  
Analytical Results

| Sample Date                        | Analysis Date | Sample ID  | Sample Description                            | Sample Location                  | Sample Depth | Analytical Results |
|------------------------------------|---------------|------------|---|----------------------------------|--------------|--------------------|
| <b>Wall and Floor Soil Samples</b> |               |            |   |                                  |              |                    |
| 7/28/95                            | 7/31/95       | W-1        | Section 1 Wall Composite                      | Section 1                        | 1-5'         | < 0.5 mg/Kg        |
| 7/28/95                            | 7/31/95       | F-1        | Section 1 Floor Composite                     | Section 1                        | 6'           | 9.1 mg/Kg          |
| 8/1/95                             | 8/2/95        | W-2        | Section 2 Wall Composite                      | Section 2                        | 1-5'         | 24 mg/Kg           |
| 8/1/95                             | 8/2/95        | F-2        | Section 2 Floor Composite                     | Section 2                        | 6'           | 3 mg/Kg            |
| 8/1/95                             | 8/2/95        | W-3        | Section 3 Wall Composite                      | Section 3                        | 1-5'         | 120 mg/Kg          |
| 8/1/95                             | 8/2/95        | F-3        | Section 3 Floor Composite                     | Section 3                        | 6'           | 90 mg/Kg           |
| 8/3/95                             | 8/4/95        | W-3b       | Section 3 Wall Composite (Add'l excavation)   | Section 3                        | 1-5'         | 390 mg/Kg *        |
| 8/3/95                             | 8/4/95        | F-3b       | Section 3 Floor Composite (Add'l excavation)  | Section 3                        | 6.5'         | 17 mg/Kg           |
| 8/4/95                             | 8/4/95        | W-4        | Section 4 Wall Composite                      | Section 4                        | 1-5'         | 32 mg/Kg           |
| 8/4/95                             | 8/4/95        | F-4        | Section 4 Floor Composite                     | Section 4                        | 6'           | 52 mg/Kg           |
| 8/7/95                             | 8/8/95        | F-4B       | Section 4 Floor Composite (Add'l excavation)  | Section 4                        | 6.5'         | 180 mg/Kg          |
| 8/8/95                             | 8/9/95        | F-4C       | Section 4 Floor Composite (Add'l excavation)  | Section 4                        | 7'           | 62 mg/Kg           |
| 8/9/95                             | 8/10/95       | F-4D       | Section 4 Floor Composite (Add'l excavation)  | Section 4                        | 7.5'         | 25 mg/Kg           |
| 8/7/95                             | 8/8/95        | F-5        | Section 5 Floor Composite                     | Section 5                        | 6'           | <0.5 mg/Kg         |
| 8/7/95                             | 8/8/95        | W-5        | Section 5 Wall Composite                      | Section 5                        | 1-5'         | <0.5 mg/Kg         |
| 8/8/95                             | 8/9/95        | W-6        | Section 6 Wall Composite                      | Section 6                        | 1-5'         | <0.29 mg/Kg        |
| 8/8/95                             | 8/9/95        | F-6        | Section 6 Floor Composite                     | Section 6                        | 5'           | 15 mg/Kg           |
| 8/10/95                            | 8/11/95       | W-7A       | Section 7 East Wall Composite                 | Section 7                        | 2-3'         | 4.9 mg/Kg          |
| 8/10/95                            | 8/11/95       | W-7B       | Section 7 West Wall Composite                 | Section 7                        | 1-3'         | 1.6 mg/Kg          |
| 8/10/95                            | 8/11/95       | F-7        | Section 7 Floor Composite                     | Section 7                        | 1-3'         | <0.25 mg/Kg        |
| 8/14/95                            | 8/15/95       | F-8        | Section 8 Floor Composite                     | Section 8                        | 1-1.5'       | 13 mg/Kg           |
| 8/2/95                             | 8/3/95        | TP-1 (0-1) | Test Pit from east vent area 0-1' below grade | Section 6                        | 0-1'         | 110 mg/Kg          |
| 8/2/95                             | 8/3/95        | TP-1 (3-4) | Test Pit from east vent area 3-4' below grade | Section 6                        | 3-4'         | 7.9 mg/Kg          |
| 8/2/95                             | 8/3/95        | TP-1 (5-6) | Test Pit from east vent area 5-6' below grade | Section 6                        | 5-6'         | 6.8 mg/Kg          |
| 8/2/95                             | 8/3/95        | TP-2 (0-1) | Test Pit from west vent area 0-1' below grade | Section 8                        | 0-1'         | 3.2 mg/Kg          |
| 8/2/95                             | 8/3/95        | TP-2 (3-4) | Test Pit from west vent area 3-4' below grade | Section 8                        | 3-4'         | 56 mg/Kg           |
| 8/2/95                             | 8/3/95        | TP-2 (5-6) | Test Pit from west vent area 5-6' below grade | Section 8                        | 5-6'         | 7.0 mg/Kg          |
| <b>Wipe Samples</b>                |               |            |   |                                  |              |                    |
| 7/17/95                            | 7/18/95       | WS-1       | East Side of Vault (Floor Sample)             | 10' from S wall/5' from E wall   | -            | < 5 ug/100 cm      |
| 7/17/95                            | 7/18/95       | WS-2       | West Side of Vault Floor Sample               | 5' from W side of vault - center | -            | < 5 ug/100 cm      |
| 7/18/95                            | 7/19/95       | WS-3       | East Floor                                    | 5' from E side of vault - center | -            | < 5 ug/100 cm      |
| 7/18/95                            | 7/19/95       | WS-4       | Northwest Floor                               | 10' from N wall/10' from W wall  | -            | < 5 ug/100 cm      |
| 7/18/95                            | 7/19/95       | WS-5       | East Wall                                     | Center of wall 5' from floor     | -            | < 5 ug/100 cm      |
| 7/18/95                            | 7/19/95       | WS-6       | North Wall                                    | Center of wall 5' from floor     | -            | < 5 ug/100 cm      |
| 7/18/95                            | 7/19/95       | WS-7       | West Wall                                     | Center of wall 5' from floor     | -            | < 5 ug/100 cm      |
| 7/18/95                            | 7/19/95       | WS-8       | South Wall                                    | Center of wall 5' from floor     | -            | < 5 ug/100 cm      |
| 7/28/95                            | 7/31/95       | WS-9       | East Vault Wall (5' below grade)              | Section 1                        | 5'           | < 5 ug/100 cm      |
| 8/1/95                             | 8/2/95        | WS-10      | South Vault Wall (5' below grade) - Section 2 | Section 2                        | 5'           | < 5 ug/100 cm      |
| 8/1/95                             | 8/2/95        | WS-11      | South Vault Wall (5' below grade) - Section 3 | Section 3                        | 5'           | < 5 ug/100 cm      |
| 8/4/95                             | 8/4/95        | WS-12      | South Vault Wall (5' below grade) - Section 4 | Section 4                        | 5'           | < 5 ug/100 cm      |
| 8/7/95                             | 8/8/95        | WS-13      | West Vault Wall (5' below grade) - Section 5  | Section 5                        | 5'           | < 5 ug/100 cm      |
| 8/23/95                            | 8/29/95       | WS-14      | South Floor                                   | 5' from S side of floor - center | -            | 26 ug/100 cm       |
| 8/23/95                            | 8/29/95       | WS-15      | Vault   | 10' from S wall - center         | -            | < 5 ug/100 cm      |
| 8/23/95                            | 8/29/95       | WS-16      | North Floor                                   | 10' from N wall - center         | -            | 91 ug/100 cm       |
| 9/1/95                             | 9/5/95        | WS-16B     | North Floor                                   | 10' from N wall - center         | -            | 12 ug/100 cm       |
| <b>Wood Samples</b>                |               |            |   |                                  |              |                    |
| 8/2/95                             | 8/3/95        | B-1        | Wood Sample from East Side of Vault           | Section 1                        | 1-6'         | <0.60 mg/Kg        |
| 8/2/95                             | 8/3/95        | B-2        | Wood Sample from Northeast Side of Vault      | Section 6                        | 1-6'         | 27 mg/Kg           |
| 8/2/95                             | 8/3/95        | B-3        | Wood Sample from Northwest Side of Vault      | Section 8                        | 1-6'         | <0.50 mg/Kg        |
| 8/4/95                             | 8/4/95        | B-2 (0-1)  | Wood Sample - Northeast Side of Vault (0-1')  | Section 6                        | 0-1'         | <4.9 mg/Kg         |
| 8/4/95                             | 8/4/95        | B-2 (3-4)  | Wood Sample - Northeast Side of Vault (3-4')  | Section 6                        | 3-4'         | 41 mg/Kg           |
| 8/4/95                             | 8/4/95        | B-2 (5-6)  | Wood Sample - Northeast Side of Vault (5-6')  | Section 6                        | 5-6'         | <4.4 mg/Kg         |
| 8/7/95                             | 8/8/95        | B-4 (0-1') | Wood Sample - Southwest Side of Vault (0-1')  | Section 8                        | 0-1'         | <1.3 mg/Kg         |
| 8/7/95                             | 8/8/95        | B-4 (3-4') | Wood Sample - Southwest Side of Vault (3-4')  | Section 8                        | 3-4'         | <0.83 mg/Kg        |
| 8/7/95                             | 8/8/95        | B-4 (5-6') | Wood Sample - Southwest Side of Vault (5-6')  | Section 8                        | 5-6'         | <1.0 mg/Kg         |
| <b>Stockpile Samples</b>           |               |            |   |                                  |              |                    |
| 7/26/95                            | 7/27/95       | P-1        | Five Yds3 from Section 1                      | Section 1                        | -            | 5.1 mg/Kg          |
| 7/26/95                            | 7/27/95       | P-2        | Five Yds3 from Section 1                      | Section 1                        | -            | <0.2 mg/Kg         |
| 8/1/95                             | 8/2/95        | P-3        | Five Yds3 from Section 1                      | Section 1                        | -            | <0.3 mg/Kg         |
| 8/1/95                             | 8/2/95        | P-4        | Five Yds3 from Section 2                      | Section 2                        | -            | <0.3 mg/Kg         |
| 8/1/95                             | 8/2/95        | P-5        | Five Yds3 from Section 2                      | Section 2                        | -            | <0.3 mg/Kg         |
| 8/1/95                             | 8/2/95        | P-6        | Five Yds3 from Section 3                      | Section 3                        | -            | 270 mg/Kg          |
| 8/1/95                             | 8/2/95        | P-7        | Five Yds3 from Section 3                      | Section 3                        | -            | 140 mg/Kg          |
| 8/3/95                             | 8/4/95        | P-8        | Five Yds3 from Section 3                      | Section 3                        | -            | 370 mg/Kg          |
| 8/4/95                             | 8/4/95        | P-9        | Five Yds3 from Section 4                      | Section 4                        | -            | <2.5 mg/Kg         |
| 8/4/95                             | 8/4/95        | P-10       | Five Yds3 from Section 4                      | Section 4                        | -            | 53 mg/Kg           |
| 8/7/95                             | 8/8/95        | P-11       | Five Yds3 from Section 5                      | Section 5                        | -            | <0.5 mg/Kg         |
| 8/8/95                             | 8/9/95        | P-12       | Five Yds3 from Section 6                      | Section 6                        | -            | 46 mg/Kg           |
| 8/11/95                            | 8/14/95       | P-13       | Five Yds3 from Section 7                      | Section 7                        | -            | 43 mg/Kg           |
| 8/14/95                            | 8/15/95       | P-14       | Five Yds3 from Section 8                      | Section 8                        | -            | 17 mg/Kg           |
| <b>Exterior Soil Samples</b>       |               |            |   |                                  |              |                    |
| 8/29/95                            | 8/30/95       | SS-15      | Southeast Side of Building                    | -                                | 0.5'         | 1.7 mg/Kg          |
| 8/29/95                            | 8/30/95       | SS-16      | Southwest Side of Building                    | -                                | 0.5'         | 94 mg/Kg           |
| 9/1/95                             | 9/5/95        | SS-16B     | Southwest Side of Building                    | -                                | 0.5'         | 12 mg/Kg           |

Note: \* - Excavation of Section 3 was resumed in Section 7



**APPENDIX C**  
**Laboratory Certification Reports**

**RESOURCE CONTROLS**  
**PAGE 10**

**Zecco, Inc.**  
Environmental Solutions

**HYDROSAMPLE LABORATORY**  
A Metcalf & Eddy Company

July 20, 1995

Mr. Jeffrey Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532



Dear Jeff,

Enclosed are the results of analyses performed on 2 samples received at HYDROSAMPLE Laboratory on 7/17/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 31592.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., A Metcalf & Eddy Company. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,

A handwritten signature in cursive script, appearing to read "Alan C Ford".

Alan C Ford  
HYDROSAMPLE Laboratory Manager  
Metcalf & Eddy Company

Copy: Mark Hall, Resource Controls

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EOIPROV0005574

Report To: (Mr. Ms.) *Jeff Peterson and*  
 Resource Controls  
 345 W. Main St. Northboro, MA  
 Zecco Inc.

Report Due Date  
 ASAP

Invoice To: (Mr. Ms.) *Harold... Waste*

Send Copy of Report To:  
 Mark Hall

Phone FAX

Purchase Order No.

| #  | HYDROSAMPLE ID NUMBER | SAMPLE IDENTIFICATION    | MATRIX | COLLECTED |         | Grab or Composite | Preservative Codes | # of Containers Submitted |
|----|-----------------------|--------------------------|--------|-----------|---------|-------------------|--------------------|---------------------------|
|    |                       |                          |        | DATE      | TIME    |                   |                    |                           |
| 1  | 31592                 | PCB Wipe from Vent WS #1 | Wipe   | 7/17      | 1:30 pm | WMC               | PCBS               |                           |
| 2  | 31593                 | PCB Wipe from WS #2      | Wipe   | 7/17      | 1:40 pm | WMC               |                    |                           |
| 3  |                       |                          |        |           |         |                   |                    |                           |
| 4  |                       |                          |        |           |         |                   |                    |                           |
| 5  |                       |                          |        |           |         |                   |                    |                           |
| 6  |                       |                          |        |           |         |                   |                    |                           |
| 7  |                       |                          |        |           |         |                   |                    |                           |
| 8  |                       |                          |        |           |         |                   |                    |                           |
| 9  |                       |                          |        |           |         |                   |                    |                           |
| 10 |                       |                          |        |           |         |                   |                    |                           |
| 11 |                       |                          |        |           |         |                   |                    |                           |
| 12 |                       |                          |        |           |         |                   |                    |                           |

Client's Job No. 013812  
 Laboratory Job No.

|   |                 |              |   |                 |              |
|---|-----------------|--------------|---|-----------------|--------------|
| Relinquished By<br>(print name)<br><i>PAT Mc Gillivuddy</i> | Date<br>7/17/95 | Time<br>1:30 | Received By<br>(print name)<br><i>Jeff Peterson</i> | Date<br>7/17/95 | Time<br>1:30 |
| Signature<br><i>[Signature]</i>                             |                 |              | Signature<br><i>[Signature]</i>                     |                 |              |
| Relinquished By<br>(print name)<br><i>[Signature]</i>       | Date<br>7/17/95 | Time<br>1:30 | Received By<br>(print name)<br><i>Jeff Peterson</i> | Date<br>7/17/95 | Time<br>1:30 |
| Signature<br><i>[Signature]</i>                             |                 |              | Signature<br><i>[Signature]</i>                     |                 |              |

Special Instructions/Comments  
*Please Page 5 from immediately w/ results*

Shipping  
 Signature: *[Signature]* Date: 7/17/95 Time: 1:30

Sample Delivery  
 Address: *[Address]* UPS  
 Counter: *[Counter]*

Preservative Coding  
 I = Unpreserved I = Ice H = HCl S = H<sub>2</sub>SO<sub>4</sub> N = HNO<sub>3</sub> O = NaOH  
 T = Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub> A =

**METCALF & EDDY | ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Providence Gas  
 Client Job No: 013812  
 Site Location: Allens Ave.  
 Sampled By: Pat McGillicuddy

Date Received: 7/17/95  
 Lab Job No: 009127  
 Lab Case No: 31592  
 Date Reported: 7/20/95

| POLYCHLORINATED BIPHENYLS - PCB's |                           |               |                |                 |                      |                      |
|-----------------------------------|---------------------------|---------------|----------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification     | Sample Matrix | Date Collected | Date Extracted  | Analytical Technique |                      |
| 31592                             | PCB wipe from vault WS #1 | wipe          | 7/17           | 7/19/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed        | Result (1)    | Units          | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1016              | BDL           | µg/wipe        | 5.0             | 7/19/95              | EPA 8080M            |
| 2                                 | Aroclor 1221              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 3                                 | Aroclor 1232              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 4                                 | Aroclor 1242              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 5                                 | Aroclor 1248              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 6                                 | Aroclor 1254              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 7                                 | Aroclor 1260              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 8                                 | Aroclor 1262              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 9                                 | Aroclor 1268              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986. Wipe samples extracted using sonication.

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Providence Gas  
 Client Job No: 013812  
 Site Location: Allens Ave.  
 Sampled By: Pat McGillicuddy

Date Received: 7/17/95  
 Lab Job No: 009127  
 Lab Case No: 31592  
 Date Reported: 7/20/95

| POLYCHLORINATED BIPHENYLS - PCB's |                           |               |                |                 |                      |                      |
|-----------------------------------|---------------------------|---------------|----------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification     | Sample Matrix | Date Collected | Date Extracted  | Analytical Technique |                      |
| 31593                             | PCB wipe from vault WS #2 | wipe          | 7/17           | 7/18/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed        | Result (1)    | Units          | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1016              | BDL           | µg/wipe        | 5.0             | 7/18/95              | EPA 8080M            |
| 2                                 | Aroclor 1221              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 3                                 | Aroclor 1232              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 4                                 | Aroclor 1242              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 5                                 | Aroclor 1248              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 6                                 | Aroclor 1254              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 7                                 | Aroclor 1260              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 8                                 | Aroclor 1262              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 9                                 | Aroclor 1268              | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986. Wipe samples extracted using sonication.

**Zecco, Inc.**

*Environmental Solutions*

**HYDROSAMPLE LABORATORY**

*A Metcalf & Eddy Company*

July 20, 1995

Mr. Jeff Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532

**LABORATORY ANALYSIS REPORT**  
Providence Gas

Dear Jeff,

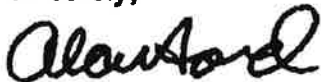
Enclosed are the results of analyses performed on 6 samples received at HYDROSAMPLE Laboratory on 7/18/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 31598.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., A Metcalf & Eddy Company. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,



Alan C Ford  
HYDROSAMPLE Laboratory Manager  
A Metcalf & Eddy Company

Confidential-For Settlement  
Purposes Only  
EOIPROV0005578

Report To:

Mark Hall  
 Reservoir Control  
 Pantry Unit RI

Copy To:

Jeff Arvan

**HYDROSAMPLE**  
 DIVISION OF ZECCO, INC.  
 Environmental Testing Facilities  
 TEL (508) 393-7222  
 FAX (508) 393-3074

DATE DUE

7/19/95

**CHAIN OF CUSTODY FORM**

Invoice To:

Hazardous Waste  
 Job # 013812

Client P.O. #

PLEASE PRINT IN INK

JOB NAME: Prov. General Gas  
 SITE LOCATION: Allen St. Avon. Pan. Junction  
 COLLECTED BY: PAT McMillen

JOB NO. 013812

| HYDROSAMPLE I.D. NUMBER | SAMPLE IDENTIFICATION |      | MATRIX | COLLECTED |      | GRAB / COMPOSITE | CONTAINER TYPE | PRESERVED (Y/N) | ANALYSES REQUESTED | TOTAL CONTAINERS |
|-------------------------|-----------------------|------|--------|-----------|------|------------------|----------------|-----------------|--------------------|------------------|
|                         | WS #                  | DATE |        | TIME      | DATE |                  |                |                 |                    |                  |
| 31558                   | WS #3                 | 7/18 | Wipe   | 2:00      | 2:15 | W                | HDV            | ✓               | PCBs               |                  |
| 31559                   | WS #4                 |      | Wipe   | 2:15      | 2:45 | W                | HDV            | ✓               |                    |                  |
| 31600                   | WS #5                 |      | Wipe   | 3:00      | 3:15 | W                | HDV            | ✓               |                    |                  |
| 31601                   | WS #6                 |      | Wipe   | 3:15      | 3:30 | W                | HDV            | ✓               |                    |                  |
| 31602                   | WS #7                 |      | Wipe   |           |      | W                | HDV            | ✓               |                    |                  |
| 31603                   | WS #8                 |      | Wipe   |           |      | W                | HDV            | ✓               |                    |                  |
|                         |                       |      |        |           |      |                  |                |                 |                    |                  |
|                         |                       |      |        |           |      |                  |                |                 |                    |                  |
|                         |                       |      |        |           |      |                  |                |                 |                    |                  |
|                         |                       |      |        |           |      |                  |                |                 |                    |                  |
|                         |                       |      |        |           |      |                  |                |                 |                    |                  |
|                         |                       |      |        |           |      |                  |                |                 |                    |                  |
|                         |                       |      |        |           |      |                  |                |                 |                    |                  |
|                         |                       |      |        |           |      |                  |                |                 |                    |                  |
|                         |                       |      |        |           |      |                  |                |                 |                    |                  |
|                         |                       |      |        |           |      |                  |                |                 |                    |                  |
|                         |                       |      |        |           |      |                  |                |                 |                    |                  |

RELINQUISHED BY (PRINT NAME): PAT McMillen  
 SIGNATURE: [Signature]  
 DATE: 7/18  
 TIME: [Blank]

RECEIVED BY (PRINT NAME): [Blank]  
 SIGNATURE: [Signature]  
 DATE: 7/19/95  
 TIME: 4:10

Comments / Remarks: Page Jeff Arvan w/ Results ASAP

WHITE & YELLOW - Lab

PNW - Client

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 387 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Providence Gas  
 Client Job No: 013812  
 Site Location: Allens Ave., Providence  
 Sampled By: Pat McGillicuddy

Date Received: 7/18/95  
 Lab Job No: 009127  
 Lab Case No: 31598  
 Date Reported: 7/20/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Extracted  | Analytical Technique |                      |
| 31598                             | WS #3                 | wipe          | 7/18           | 7/19/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units          | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1016          | BDL           | µg/wipe        | 5.0             | 7/19/95              | EPA 8080M            |
| 2                                 | Aroclor 1221          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 3                                 | Aroclor 1232          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 4                                 | Aroclor 1242          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 5                                 | Aroclor 1248          | 6.8           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 6                                 | Aroclor 1254          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 7                                 | Aroclor 1260          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 8                                 | Aroclor 1262          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 9                                 | Aroclor 1268          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986. Wipe samples extracted using sonication.



**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

**Job Name:** Providence Gas  
**Client Job No:** 013812  
**Site Location:** Allens Ave., Providence  
**Sampled By:** Pat McGillicuddy

**Date Received:** 7/18/95  
**Lab Job No:** 009127  
**Lab Case No:** 31598  
**Date Reported:** 7/20/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Extracted  | Analytical Technique |                      |
| 31599                             | WS #4                 | wipe          | 7/18           | 7/19/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units          | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1016          | BDL           | µg/wipe        | 5.0             | 7/19/95              | EPA 8080M            |
| 2                                 | Aroclor 1221          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 3                                 | Aroclor 1232          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 4                                 | Aroclor 1242          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 5                                 | Aroclor 1249          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 6                                 | Aroclor 1254          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 7                                 | Aroclor 1260          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 8                                 | Aroclor 1262          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 9                                 | Aroclor 1268          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988. Wipe samples extracted using sonication.

**METCALF & EDDY | ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 - Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Providence Gas  
 Client Job No: 013812  
 Site Location: Allens Ave., Providence  
 Sampled By: Pat McGillicuddy

Date Received: 7/18/95  
 Lab Job No: 009127  
 Lab Case No: 31598  
 Date Reported: 7/20/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Extracted  | Analytical Technique |                      |
| 31600                             | WS #5                 | wipe          | 7/18           | 7/19/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units          | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1016          | BDL           | µg/wipe        | 5.0             | 7/19/95              | EPA 8080M            |
| 2                                 | Aroclor 1221          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 3                                 | Aroclor 1232          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 4                                 | Aroclor 1242          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 5                                 | Aroclor 1248          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 6                                 | Aroclor 1254          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 7                                 | Aroclor 1260          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 8                                 | Aroclor 1262          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 9                                 | Aroclor 1268          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986. Wipe samples extracted using sonication.

**METCALF & EDDY | ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 - Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Providence Gas  
 Client Job No: 013812  
 Site Location: Allens Ave., Providence  
 Sampled By: Pat McGillicuddy

Date Received: 7/18/95  
 Lab Job No: 009127  
 Lab Case No: 31598  
 Date Reported: 7/20/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Extracted  | Analytical Technique |                      |
| 31601                             | WS #6                 | wipe          | 7/18           | 7/19/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units          | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1016          | BDL           | µg/wipe        | 5.0             | 7/19/95              | EPA 8080M            |
| 2                                 | Aroclor 1221          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 3                                 | Aroclor 1232          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 4                                 | Aroclor 1242          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 5                                 | Aroclor 1248          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 6                                 | Aroclor 1254          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 7                                 | Aroclor 1260          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 8                                 | Aroclor 1262          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 9                                 | Aroclor 1268          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988. Wipe samples extracted using sonication.

**METCALF & EDDY | ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 - Fax (508) 393-3074

**REPORT OF ANALYSIS**

**Job Name:** Providence Gas  
**Client Job No:** 013812  
**Site Location:** Allens Ave., Providence  
**Sampled By:** Pat McGillicuddy

**Date Received:** 7/18/95  
**Lab Job No:** 009127  
**Lab Case No:** 31598  
**Date Reported:** 7/20/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Extracted  | Analytical Technique |                      |
| 31602                             | WS #7                 | wipe          | 7/18           | 7/19/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units          | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1016          | BDL           | µg/wipe        | 5.0             | 7/19/95              | EPA 8080M            |
| 2                                 | Aroclor 1221          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 3                                 | Aroclor 1232          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 4                                 | Aroclor 1242          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 5                                 | Aroclor 1248          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 6                                 | Aroclor 1254          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 7                                 | Aroclor 1260          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 8                                 | Aroclor 1262          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 9                                 | Aroclor 1268          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988. Wipe samples extracted using sonication.

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

**Job Name:** Providence Gas  
**Client Job No:** 013812  
**Site Location:** Allens Ave., Providence  
**Sampled By:** Pat McGillicuddy

**Date Received:** 7/18/95  
**Lab Job No:** 009127  
**Lab Case No:** 31598  
**Date Reported:** 7/20/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Extracted  | Analytical Technique |                      |
| 31603                             | WS #8                 | wipe          | 7/18           | 7/19/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units          | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1016          | BDL           | µg/wipe        | 5.0             | 7/19/95              | EPA 8080M            |
| 2                                 | Aroclor 1221          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 3                                 | Aroclor 1232          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 4                                 | Aroclor 1242          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 5                                 | Aroclor 1248          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 6                                 | Aroclor 1254          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 7                                 | Aroclor 1260          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 8                                 | Aroclor 1262          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |
| 9                                 | Aroclor 1268          | BDL           | µg/wipe        | 5.0             | listed above         | EPA 8080M            |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988. Wipe samples extracted using sonication.

**Zecco, Inc.**

*Environmental Solutions*

**HYDROSAMPLE LABORATORY**

*A Metcalf & Eddy Company*

REC'D AUG 2 1995

July 27, 1995

Mr. Mark Hall  
Resource Controls  
474 Broadway  
Pawtucket, RI 02860

**LABORATORY ANALYSIS REPORT**  
Providence Gas

Dear Mark,

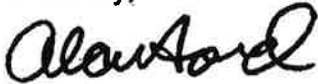
Enclosed are the results of analyses performed on 2 samples received at HYDROSAMPLE Laboratory on 7/26/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 31665.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., *A Metcalf & Eddy Company*. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,



Alan C Ford  
HYDROSAMPLE Laboratory Manager  
*A Metcalf & Eddy Company*

c: Jeff Perron

Confidential-For Settlement  
Purposes Only  
EOIPROV0005586

# CHAIN OF CUSTODY FORM

Laboratory Services Workorder

**METCALF & EDDY | ZECCO INC - Hydrosample Laboratory**  
 367 West Main Street • Northboro MA 01532 • (508) 393-2537 • (800) 44-CLEEN

Report To: (Mr. Ms.) **MARK HALL** Report Due Date **2/HR.**  
 Invoice To: (Mr. Ms.) **M & S ZECCO**  
 Resource Controls  
 474 Broadway  
 Pawtucket, R.I. 02860  
 Phone 401/728-6860 FAX 401/727-1849  
 Send Copy of Report To: **JEFF REARDON**  
 Purchase Order No. \_\_\_\_\_

| #  | HYDROSAMPLE ID NUMBER | SAMPLE IDENTIFICATION | MATRIX | COLLECTED |      | Grab or Composite | Preservative Codes |
|----|-----------------------|-----------------------|--------|-----------|------|-------------------|--------------------|
|    |                       |                       |        | DATE      | TIME |                   |                    |
| 1  | 31465                 | P-1                   | Soil   | 7/26/95   | 2:00 | ✓                 | 702                |
| 2  | 31466                 | P-2                   | Soil   | 7/26/95   | 2:10 | ✓                 |                    |
| 3  |                       |                       |        |           |      |                   |                    |
| 4  |                       |                       |        |           |      |                   |                    |
| 5  |                       |                       |        |           |      |                   |                    |
| 6  |                       |                       |        |           |      |                   |                    |
| 7  |                       |                       |        |           |      |                   |                    |
| 8  |                       |                       |        |           |      |                   |                    |
| 9  |                       |                       |        |           |      |                   |                    |
| 10 |                       |                       |        |           |      |                   |                    |
| 11 |                       |                       |        |           |      |                   |                    |
| 12 |                       |                       |        |           |      |                   |                    |

Job Name: **PROVIDENCE GAS** Client's Job No. **013812-0000**  
 Site Location: **AULENS AVENUE, PROVIDENCE, RI** Laboratory Job No. \_\_\_\_\_  
 Collected By: **JEFF REARDON**

| Received by (print name) | Date    | Time  | Signature           |
|--------------------------|---------|-------|---------------------|
| <i>Jeff Reardon</i>      | 7/26    | 1:30  |                     |
| Received by (print name) | Date    | Time  | Signature           |
| <b>MARK DONAHUE</b>      | 7/26/95 | 3:00  | <i>Mark Donahue</i> |
| Received by (print name) | Date    | Time  | Signature           |
| <b>Kim Burns</b>         | 7/26/95 | 11:25 | <i>Kim Burns</i>    |

Special Instructions/Comments: \_\_\_\_\_  
 Confidential-For Settlement Purposes Only  
 EOIPROV0005587

**METCALF & EDDY|ZECCO INC.**  
Hydrosample Laboratory

**METCALF & EDDY|ZECCO INC.**  
Hydrosample Laboratory  
367 W. Main St., Northboro MA 01532  
Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Providence Gas  
Client Job No: 013812  
Site Location: Allens Avenue, Providence RI  
Sampled By: Jeff Perron

Date Received: 7/26/95  
Lab Job No: 009127  
Lab Case No: 31665  
Date Reported: 7/27/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31665                             | P-1                   | soil          | 7/26/95           | 7/27/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units wet wt. (3) | Detection Limit | Date Analyzed        | Method Reference (2) |
|                                   | Aroclor 1016          | BDL           | mg/Kg             | 2.0             | 7/27/95              | EPA 8080             |
|                                   | Aroclor 1221          | BDL           | mg/Kg             | 2.0             | listed above         | EPA 8080             |
|                                   | Aroclor 1232          | BDL           | mg/Kg             | 2.0             | listed above         | EPA 8080             |
|                                   | Aroclor 1242          | 5.1           | mg/Kg             | 2.0             | listed above         | EPA 8080             |
|                                   | Aroclor 1248          | BDL           | mg/Kg             | 2.0             | listed above         | EPA 8080             |
|                                   | Aroclor 1254          | BDL           | mg/Kg             | 2.0             | listed above         | EPA 8080             |
|                                   | Aroclor 1260          | BDL           | mg/Kg             | 2.0             | listed above         | EPA 8080             |
|                                   | Aroclor 1262          | BDL           | mg/Kg             | 2.0             | listed above         | EPA 8080             |
|                                   | Aroclor 1268          | BDL           | mg/Kg             | 2.0             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have not been corrected for moisture content and are reported on the wet weight basis.



**Zecco, Inc.**

*Environmental Solutions*

**HYDROSAMPLE LABORATORY**

*A Metcalf & Eddy Company*

July 31, 1995

Mr. Jeffrey Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532



Dear Jeff,

Enclosed are the results of analyses performed on 2 samples received at HYDROSAMPLE Laboratory on 7/28/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 31671.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., *A Metcalf & Eddy Company*. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,

A handwritten signature in cursive script that reads "Alan C Ford".

Alan C Ford  
HYDROSAMPLE Laboratory Manager  
*A Metcalf & Eddy Company*

Copy: Mark Hall, Resource Controls

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EOIPROV0005589

367 West Main Street • Northboro, MA 01532 • (508) 393-2537 • FAX (508) 393-3074

**METCALF & EDDY | ZECCO INC - Hydrosample Laboratory**  
 367 West Main Street - Northboro MA 01532 • (508) 380-2537 • (800) 44-CLEEN

**CHAIN OF CUSTODY FORM**  
 Laboratory Services Workorder

Report To: (Mr. Ms.) **JEFF PERRON**  
**MARKITAIL** R/C.

Invoice To: (Mr. Ms.) **ZECCO INC.**

Report Due Date  
**24 hrs. 7/31/5**  
 Send Copy of Report To:

Phone \_\_\_\_\_ FAX \_\_\_\_\_

Job Name: **PROUGAS** Purchase Order No. \_\_\_\_\_

Site Location: **Alleys Ave PROUGAS** Client's Job No. **015812-0000**

Collected By: **J. PERRON** Laboratory Job No. \_\_\_\_\_

| #  | HYDROSAMPLE ID NUMBER | SAMPLE IDENTIFICATION | MATRIX | COLLECTED |      | Grab or Composite | Preservative Codes |
|----|-----------------------|-----------------------|--------|-----------|------|-------------------|--------------------|
|    |                       |                       |        | DATE      | TIME |                   |                    |
| 1  | 31671                 | W-1                   | Soil   | 7/28      | 8:00 | G                 | PCBS               |
| 2  | 31672                 | WS-9                  | WIPE   | 7/28      | 8:00 |                   |                    |
| 3  | 31673                 | BLANK WIPE            | WIPE   | -         | -    |                   |                    |
| 4  |                       |                       |        |           |      |                   |                    |
| 5  |                       |                       |        |           |      |                   |                    |
| 6  |                       |                       |        |           |      |                   |                    |
| 7  |                       |                       |        |           |      |                   |                    |
| 8  |                       |                       |        |           |      |                   |                    |
| 9  |                       |                       |        |           |      |                   |                    |
| 10 |                       |                       |        |           |      |                   |                    |
| 11 |                       |                       |        |           |      |                   |                    |
| 12 |                       |                       |        |           |      |                   |                    |

Released by: **[Signature]** Date: **7/28 8:50** Time: \_\_\_\_\_

Received by: **[Signature]** Date: **7/28 8:50** Time: \_\_\_\_\_

Signature: **[Signature]** Signature: **[Signature]**

Spread Instructions/Comments: Confidential-For Settlement Purposes Only EOIPROY0005590

Substrate: **Alabama FedEx UPS Usual** Sheet # **1** of **1**

Legend: U=Unpreserved I=Ice H=H2O S=H2SO4 N=HNO3 O=NaOH T=Na2O2 A=\_\_\_\_\_ B=\_\_\_\_\_

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812-0000  
 Site Location: Allens Ave, Prov RI  
 Sampled By: J. Perron

Date Received: 7/28/95  
 Lab Job No: 009127  
 Lab Case No: 31671  
 Date Reported: 7/31/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31671                             | W-1                   | soil          | 7/28              | 7/28/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (%) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 81.           | Percent           | 0.10            | 7/31/95              | 160.3                |
| 2                                 | Aroclor 1016          | BDL           | mg/Kg             | 0.50            | 7/31/95              | EPA 8080             |
| 3                                 | Aroclor 1221          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 4                                 | Aroclor 1232          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 5                                 | Aroclor 1242          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 6                                 | Aroclor 1248          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 7                                 | Aroclor 1254          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 8                                 | Aroclor 1260          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 9                                 | Aroclor 1262          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 10                                | Aroclor 1268          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**METCALF & EDDY | ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812-0000  
 Site Location: Allens Ave, Prov RI  
 Sampled By: J. Perron

Date Received: 7/28/95  
 Lab Job No: 009127  
 Lab Case No: 31671  
 Date Reported: 7/31/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Extracted  | Analytical Technique |                      |
| 31672                             | WS-9                  | wipe          | 7/28           | 7/28/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units          | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1016          | BDL           | μg/wipe        | 5.0             | 7/31/95              | EPA 8080             |
| 2                                 | Aroclor 1221          | BDL           | μg/wipe        | 5.0             | listed above         | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | μg/wipe        | 5.0             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242          | BDL           | μg/wipe        | 5.0             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | μg/wipe        | 5.0             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | μg/wipe        | 5.0             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | μg/wipe        | 5.0             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | μg/wipe        | 5.0             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | μg/wipe        | 5.0             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986.

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# Zecco, Inc.

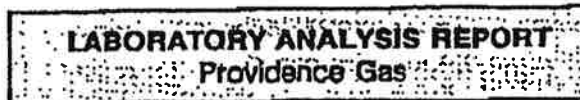
Environmental Solutions

## HYDROSAMPLE LABORATORY

A Metcalf & Eddy Company

July 31, 1995

Mr. Jeffrey Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532



Dear Jeff,

Enclosed are the results of analyses performed on 1 sample received at HYDROSAMPLE Laboratory on 7/28/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 31680.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., A Metcalf & Eddy Company. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,

Alan C Ford  
HYDROSAMPLE Laboratory Manager  
A Metcalf & Eddy Company

Copy: Mark Hall, Resource Controls

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St, Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812-0000  
 Site Location: Allens Ave Prov. RI  
 Sampled By: Perron

Date Received: 7/28/95  
 Lab Job No: 009127  
 Lab Case No: 31680  
 Date Reported: 7/31/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31680                             | F-1                   | soil          | 7/28              | 7/31/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (3) |
| 1                                 | Total Solids          | 86            | Percent           | 0.10            | 7/31/95              | 160.3                |
| 2                                 | Aroclor 1016          | BDL           | mg/Kg             | 0.50            | 7/31/95              | EPA 8080             |
| 3                                 | Aroclor 1221          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 4                                 | Aroclor 1232          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 5                                 | Aroclor 1242          | 9.1           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 6                                 | Aroclor 1248          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 7                                 | Aroclor 1254          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 8                                 | Aroclor 1260          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 9                                 | Aroclor 1262          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 10                                | Aroclor 1268          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-845, 3rd ed., 1988; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**CHAIN OF CUSTODY FORM**  
Laboratory Services Workorder

Report To: (Mr. Ms.) JEFF TETON / MARK HALL

Report Due Date 8/1/95

Invoice To: (Mr. Ms.) Zecco H&E WST.

Send Copy of Report To:

Phone: FAX: Purchase Order No. 013812-0000

Client's Job No. 013812-0000

Site Location: ALLENSTAGE PROU-RJ

Collected By: TETON.

Laboratory Job No. \_\_\_\_\_

| #  | HYDROSAMPLE ID NUMBER | SAMPLE IDENTIFICATION | MATRIX | COLLECTED |      | Grade or Composite | Preservation Codes | # of Containers Submitted |
|----|-----------------------|-----------------------|--------|-----------|------|--------------------|--------------------|---------------------------|
|    |                       |                       |        | DATE      | TIME |                    |                    |                           |
| 1  | 3/680                 | F-1                   | SAL    | 7/28      | 3:00 | C                  |                    |                           |
| 2  |                       |                       |        |           |      |                    |                    |                           |
| 3  |                       |                       |        |           |      |                    |                    |                           |
| 4  |                       |                       |        |           |      |                    |                    |                           |
| 5  |                       |                       |        |           |      |                    |                    |                           |
| 6  |                       |                       |        |           |      |                    |                    |                           |
| 7  |                       |                       |        |           |      |                    |                    |                           |
| 8  |                       |                       |        |           |      |                    |                    |                           |
| 9  |                       |                       |        |           |      |                    |                    |                           |
| 10 |                       |                       |        |           |      |                    |                    |                           |
| 11 |                       |                       |        |           |      |                    |                    |                           |
| 12 |                       |                       |        |           |      |                    |                    |                           |

Received By (print name) JEFF TETON Date 7/28 Time 3:30

Signature [Signature]

Received By (print name) MARK J. DWAN Date 7/28 Time 7:40

Signature [Signature]

Special Instructions/Comments

Sample Alabama Feek UPB control

Codes: T = Na<sub>2</sub>SO<sub>4</sub>, A = \_\_\_\_\_, H = HCl, S = H<sub>2</sub>SO<sub>4</sub>, N = HNO<sub>3</sub>, O = H<sub>2</sub>O

Sheet # \_\_\_\_\_ of \_\_\_\_\_

**Zecco, Inc.**

*Environmental Solutions*

**HYDROSAMPLE LABORATORY**

*A Metcalf & Eddy Company*

August 2, 1995

Mr. Jeff Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532



Dear Jeff,

Enclosed are the results of analyses performed on 5 samples received at HYDROSAMPLE Laboratory on 8/1/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 31716.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., A Metcalf & Eddy Company. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,

A handwritten signature in cursive script that reads "Alan C Ford".

Alan C Ford  
HYDROSAMPLE Laboratory Manager  
A Metcalf & Eddy Company

Copy: Mark Hall, Resource Controls

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367 West Main Street • Northboro, MA 01532 • (508) 393-2537 • FAX (508) 393-3074



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**CHAIN OF CUSTODY FORM**  
 Laboratory Services Workorder

Report To: (Mr. Mr.) SEPERATION, MACKNAH

24 hrs.  
 Report Due Date  
8/2/95

Invoice To: (Mr. Mr.) ZECCO HZ EAST

Send Copy of Report To:

Phone \_\_\_\_\_ FAX \_\_\_\_\_

Purchase Order No. \_\_\_\_\_

Job Name: IRON GAS Client's Job No. 013812-0000  
 Site Location: ALGESS AVE PROVERT  
 Collected By: FRANCO Laboratory Job No. \_\_\_\_\_

| #  | HYDROSAMPLE ID NUMBER | SAMPLE IDENTIFICATION | MATRIX | COLLECTED |       | Grab or Composite | Preservative Codes |
|----|-----------------------|-----------------------|--------|-----------|-------|-------------------|--------------------|
|    |                       |                       |        | DATE      | TIME  |                   |                    |
| 1  |                       |                       |        |           |       |                   |                    |
| 2  | 31716                 | P-7                   | Soil   | 8/1       | 12:00 | ✓                 |                    |
| 3  | 31717                 | P-6                   | Soil   | 8/1       | 12:00 | ✓                 |                    |
| 4  | 31718                 | P-3                   | Soil   | 8/1       | 8:00  | ✓                 |                    |
| 5  | 31719                 | P-4                   | Soil   | 8/1       | 8:00  | ✓                 |                    |
| 6  | 31720                 | P-5                   | Soil   | 8/1       | 8:00  | ✓                 |                    |
| 7  |                       |                       |        |           |       |                   |                    |
| 8  |                       |                       |        |           |       |                   |                    |
| 9  |                       |                       |        |           |       |                   |                    |
| 10 |                       |                       |        |           |       |                   |                    |
| 11 |                       |                       |        |           |       |                   |                    |
| 12 |                       |                       |        |           |       |                   |                    |

|  |             |               |  |             |               |
|--|-------------|---------------|--|-------------|---------------|
| Received By (Print Name)<br><u>[Signature]</u> | Date<br>8/1 | Time<br>12:00 | Received By (Print Name)<br><u>[Signature]</u> | Date<br>8/1 | Time<br>12:00 |
| Received By (Signature)<br><u>[Signature]</u>  |             |               | Received By (Signature)<br><u>[Signature]</u>  |             |               |

Special Instructions/Comments  
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 EOIPROY0005597

Standard: Albermarl FedK UPS USMist  
 Counter: [Signature]  
 Sheet # \_\_\_\_\_ of \_\_\_\_\_  
 Legend: U = Unpreserved, I = Iced, H = HCl, S = H<sub>2</sub>SO<sub>4</sub>, N = HNO<sub>3</sub>, O = NaOH, T = Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub>, A = \_\_\_\_\_

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 - Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: Perron

Date Received: 8/1/95  
 Lab Job No: 009127  
 Lab Case No: 31716  
 Date Reported: 8/2/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31716                             | P-7                   | soil          | 8/1/95            | 8/1/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (3) |
| 1                                 | Aroclor 1016          | BDL           | mg/Kg             | 3.0             | 8/1/95               | EPA 8080             |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242          | 140.          | mg/Kg             | 3.0             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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HYDROSAMPLE

**METCALF & EDDY | ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: Perron

Date Received: 8/1/95  
 Lab Job No: 009127  
 Lab Case No: 31716  
 Date Reported: 8/2/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                     |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|---------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected      | Date Extracted  | Analytical Technique |                      |
| 31717                             | P-6                   | soil          | 8/1/95              | 8/1/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units (dry wt. (2)) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1016          | BDL           | mg/Kg               | 3.0             | 8/1/95               | EPA 8080             |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg               | 3.0             | listed above         | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg               | 3.0             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242          | 270.          | mg/Kg               | 3.0             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg               | 3.0             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg               | 3.0             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg               | 3.0             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg               | 3.0             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg               | 3.0             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**HYDROSAMPLE**

**METCALF & EDDY | ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: Perron

Date Received: 8/1/95  
 Lab Job No: 009127  
 Lab Case No: 31716  
 Date Reported: 8/2/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                  |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected   | Date Extracted  | Analytical Technique |                      |
| 31718                             | P-3                   | soil          | 8/1/95           | 8/1/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt (2) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1016          | BDL           | mg/Kg            | 3.0             | 8/1/95               | EPA 8080             |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg            | 3.0             | listed above         | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg            | 3.0             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242          | BDL           | mg/Kg            | 3.0             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg            | 3.0             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg            | 3.0             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg            | 3.0             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg            | 3.0             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg            | 3.0             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**HYDROSAMPLE**

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 387 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: Perron

Date Received: 8/1/95  
 Lab Job No: 009127  
 Lab Case No: 31716  
 Date Reported: 8/2/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |                       |                              |                 |                    |                                 |
|-----------------------------------|-----------------------|-----------------------|------------------------------|-----------------|--------------------|---------------------------------|
| Sample Number                     | Sample Identification | Sample Matrix         | Date Collected               | Date Extracted  | Analysis Technique |                                 |
| 31719                             | P-4                   | soil                  | 8/1/95                       | 8/1/95          | GC/ECD             |                                 |
| Line Number                       | Compounds Analyzed    | Result <sup>(1)</sup> | Units dry wt. <sup>(2)</sup> | Detection Limit | Date Analyzed      | Method Reference <sup>(3)</sup> |
| 1                                 | Aroclor 1016          | BDL                   | mg/Kg                        | 3.0             | 8/1/95             | EPA 8080                        |
| 2                                 | Aroclor 1221          | BDL                   | mg/Kg                        | 3.0             | listed above       | EPA 8080                        |
| 3                                 | Aroclor 1232          | BDL                   | mg/Kg                        | 3.0             | listed above       | EPA 8080                        |
| 4                                 | Aroclor 1242          | BDL                   | mg/Kg                        | 3.0             | listed above       | EPA 8080                        |
| 5                                 | Aroclor 1248          | BDL                   | mg/Kg                        | 3.0             | listed above       | EPA 8080                        |
| 6                                 | Aroclor 1254          | BDL                   | mg/Kg                        | 3.0             | listed above       | EPA 8080                        |
| 7                                 | Aroclor 1260          | BDL                   | mg/Kg                        | 3.0             | listed above       | EPA 8080                        |
| 8                                 | Aroclor 1262          | BDL                   | mg/Kg                        | 3.0             | listed above       | EPA 8080                        |
| 9                                 | Aroclor 1268          | BDL                   | mg/Kg                        | 3.0             | listed above       | EPA 8080                        |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 800/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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HYDROSAMPLE

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**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: Perron

Date Received: 8/1/95  
 Lab Job No: 009127  
 Lab Case No: 31716  
 Date Reported: 8/2/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |  |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|--|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |  |
| 31720                             | P-5                   | soil          | 8/1/95            | 8/1/95          | GC/ECD               |                      |  |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (3) |  |
| 1                                 | Aroclor 1016          | BDL           | mg/Kg             | 3.0             | 8/1/95               | EPA 8080             |  |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |  |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |  |
| 4                                 | Aroclor 1242          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |  |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |  |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |  |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |  |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |  |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |  |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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HYDROSAMPLE

**Zecco, Inc.**

*Environmental Solutions*

**HYDROSAMPLE LABORATORY**

*A Metcalf & Eddy Company*

August 2, 1995

Mr. Jeffrey Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532



Dear Jeff,

Enclosed are the results of analyses performed on 6 samples received at HYDROSAMPLE Laboratory on 8/1/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 31723.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., A Metcalf & Eddy Company. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,

A handwritten signature in cursive script that reads "Alan C Ford".

Alan C Ford  
HYDROSAMPLE Laboratory Manager  
A Metcalf & Eddy Company

Copy: Mark Hall, Resource Controls

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EOIPROV0005603

367 West Main Street • Northboro, MA 01532 • (508) 393-2537 • FAX (508) 393-3074



**METCALF & EDDY ; ZECCO INC - Hydrosample Laboratory**  
 387 West Main Street • Northboro MA 01532 • (508) 393-2537 • (800) 44-CLEEN

**CHAIN OF CUSTODY FORM**  
 Laboratory Services Workorder

Report To: (Mr. Ms.) DEE PETERSON / Mark Hall

Report Due Date

Invoice To: (Mr. Ms.) ZECCO INC

8/2

24hr.

Send Copy of Report To:

Phone FAX

Purchase Order No.

Job Name: TRUCKS Client's Job No. 03812000

Site Location: ALBIS AIR PAVILION Laboratory Job No.

Collected By: STENON

Gras or Co-products  
 Preservative Codes

| HYDROSAMPLE ID NUMBER | SAMPLE IDENTIFICATION | MATRIX | COLLECTED DATE | TIME |
|-----------------------|-----------------------|--------|----------------|------|
| 1 31723               | F-2                   | Soil   | 8/1            | 3:00 |
| 2 31724               | F-3                   | Soil   | 8/1            | 3:00 |
| 3 31725               | W-2                   | Soil   | 8/1            | 3:00 |
| 4 31726               | W-3                   | Soil   | 8/1            | 3:00 |
| 5 31727               | WS-10                 | Soil   | 8/1            | 3:00 |
| 6 31728               | WS-11                 | Soil   | 8/1            | 3:00 |
| 7                     |                       |        |                |      |
| 8                     |                       |        |                |      |
| 9                     |                       |        |                |      |
| 10                    |                       |        |                |      |
| 11                    |                       |        |                |      |
| 12                    |                       |        |                |      |

Received By: [Signature] Date: 8/1/95 Time: 13:20

Received by HydroSample: [Signature] Date: 8/1/95 Time: 13:20

Received by: Mark Donahue Date: 8/1/95 Time: 13:20

Special Instructions/Comments



**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: J Perron

Date Received: 8/1/95  
 Lab Job No: 009127  
 Lab Case No: 31723  
 Date Reported: 8/2/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |  |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|--|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |  |
| 31723                             | F-2                   | soil          | 8/1               | 8/1/95          | GC/ECD               |                      |  |
| Line Number                       | Compounds Analyzed    | Result (1)    | Limit dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (2) |  |
| 1                                 | Aroclor 1016          | BDL           | mg/Kg             | 2.5             | 8/2/95               | EPA 8080             |  |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 4                                 | Aroclor 1242          | 3.0           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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HYDROSAMPLE

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 387 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 - Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: J Perron

Date Received: 8/1/95  
 Lab Job No: 009127  
 Lab Case No: 31723  
 Date Reported: 8/2/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |  |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|--|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |  |
| 31724                             | F-3                   | soil          | 8/1               | 8/1/95          | GC/ECD               |                      |  |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (2) |  |
| 1                                 | Aroclor 1016          | BDL           | mg/Kg             | 2.5             | 8/2/95               | EPA 8080             |  |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 4                                 | Aroclor 1242          | 90.           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |  |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
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**HYDROSAMPLE**

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 387 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 - Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: J Perron

Date Received: 8/1/95  
 Lab Job No: 009127  
 Lab Case No: 31723  
 Date Reported: 8/2/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31725                             | W-2                   | soil          | 8/1               | 8/1/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1016          | BDL           | mg/Kg             | 2.5             | 8/2/95               | EPA 8080             |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242          | 24.           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
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HYDROSAMPLE

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**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: J Perron

Date Received: 8/1/95  
 Lab Job No: 009127  
 Lab Case No: 31723  
 Date Reported: 8/2/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                    |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|--------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analysis Technique |                      |
| 31726                             | W-3                   | soil          | 8/1               | 8/1/95          | GC/ECD             |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (%) | Detection Limit | Date Analyzed      | Method Reference (2) |
| 1                                 | Aroclor 1016          | BDL           | mg/Kg             | 25              | 8/2/95             | EPA 8080             |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 25              | listed above       | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 25              | listed above       | EPA 8080             |
| 4                                 | Aroclor 1242          | 120.          | mg/Kg             | 25              | listed above       | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 25              | listed above       | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 25              | listed above       | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 25              | listed above       | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 25              | listed above       | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 25              | listed above       | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
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HYDROSAMPLE

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
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**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: J Perron

Date Received: 8/1/95  
 Lab Job No: 009127  
 Lab Case No: 31723  
 Date Reported: 8/2/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31727                             | WS-10                 |               | 8/1               | 8/1/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Focus (1)     | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (3) |
| 1                                 | Aroclor 1016          | BDL           | µg/wipe           | 50.             | 8/2/95               | EPA 8080             |
| 2                                 | Aroclor 1221          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-78-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**HYDROSAMPLE**

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**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: J Perron

Date Received: 8/1/95  
 Lab Job No: 009127  
 Lab Case No: 31723  
 Date Reported: 8/2/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31728                             | WS-11                 |               | 8/1               | 8/1/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1016          | BDL           | µg/wipe           | 50.             | 8/2/95               | EPA 8080             |
| 2                                 | Aroclor 1221          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | µg/wipe           | 50.             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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 Purposes Only  
 EOIPROV0005610

HYDROSAMPLE

# Zecco, Inc.

Environmental Solutions

## HYDROSAMPLE LABORATORY

A Metcalf & Eddy Company

August 3, 1995

Mr. Jeffrey Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532



Dear Jeff,

Enclosed are the results of analyses performed on 8 samples received at HYDROSAMPLE Laboratory on 8/2/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 31731.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., A Metcalf & Eddy Company. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,

Alan C Ford  
HYDROSAMPLE Laboratory Manager  
A Metcalf & Eddy Company

Copy: Mark Hall, Resource Controls

AUG-02-1995 15:11

ALPHA ANALYTICAL

588 898 9193

P. 02

**CHAIN OF CUSTODY FORM**  
Laboratory Services Worksheet

**METCALF & EDDY | ZECCO INC - Hydrosample Laboratory**  
387 West Main Street - Northboro MA 01532 • (508) 383-2857 • (800) 44-CLEAN

Report To: (Mr. Ms.) ZECCO

Report To: (Mr. Ms.) JEFF TENON / MARK HALL  
Request Date: 8/2/95  
2442

Send Copy of Report To:

Phone: 508 43812000  
Job Name: Prougas  
Site Location: Alvers Ave. Proct  
Collected By: TENON  
Purchase Order No.: 0000  
Laboratory Job No.:

| #  | MICROVOLUME TO NUMBER | IDENTIFICATION | MARKS | COLLECTED |      | Grade or Compliance | Priority/Notes |
|----|-----------------------|----------------|-------|-----------|------|---------------------|----------------|
|    |                       |                |       | DATE      | TIME |                     |                |
| 1  | 31721                 | TP-101         | Soil  | 8/2/95    | 1100 | 6                   | ✓              |
| 2  | 31722                 | TP-134         | Soil  | 8/2/95    | 1100 | 6                   | ✓              |
| 3  | 31723                 | TP-156         | Soil  | 8/2/95    | 1100 | 6                   | ✓              |
| 4  | 31724                 | B-1            | Wood  | 8/2/95    | 1100 | 6                   | ✓              |
| 5  | 31725                 | TP-201         | Soil  | 8/2/95    | 1100 | 6                   | ✓              |
| 6  | 31726                 | TP-234         | Soil  | 8/2/95    | 1100 | 6                   | ✓              |
| 7  | 31727                 | TP-256         | Soil  | 8/2/95    | 1100 | 6                   | ✓              |
| 8  | 31728                 | B-2            | Wood  | 8/2/95    | 1100 | 6                   | ✓              |
| 9  | 31729                 | B-3            | Wood  | 8/2/95    | 1100 | 6                   | ✓              |
| 10 |                       |                |       |           |      |                     |                |
| 11 |                       |                |       |           |      |                     |                |
| 12 |                       |                |       |           |      |                     |                |

Received by: [Signature] Date: 8/2/95  
 Received by: [Signature] Date: 8/2/95  
 Signature: [Signature] Date: 8/2/95  
 Signature: [Signature] Date: 8/2/95

TOTAL P. 02





**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 347 W. Main St., Northboro MA 01532  
 Tel (508) 393-2837 - Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: Perron

Date Received: 8/2/95  
 Lab Job No: 009127  
 Lab Case No: 31731  
 Date Reported: 8/3/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                |                 |               |           |                  |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|---------------|-----------|------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Analyzed   | Method        | Reference | Method Reference |
| 31732                             | TP-134                | soil          | 8/2/95         | 8/2/95          | GC/ECD        |           |                  |
| Line Number                       | Compound Analyzed     | Result (1)    | Units (2)      | Detection Limit | Date Analyzed | Reference | Method Reference |
| 1                                 | Total Solids          | 89.           | Percent        | 0.10            | 8/2/95        |           | 168.0            |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg          | 2.5             | 8/2/95        |           | EPA 8080         |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg          | 2.5             | listed above  |           | EPA 8080         |
| 4                                 | Aroclor 1242/1018     | 7.9           | mg/Kg          | 2.5             | listed above  |           | EPA 8080         |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg          | 2.5             | listed above  |           | EPA 8080         |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg          | 2.5             | listed above  |           | EPA 8080         |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg          | 2.5             | listed above  |           | EPA 8080         |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg          | 2.5             | listed above  |           | EPA 8080         |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg          | 2.5             | listed above  |           | EPA 8080         |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1982; Methods for Chemical Analysis of Water and Wastes, USEPA, 800/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 307 W. Main St, Northboro MA 01532  
 Tel (508) 393-3577 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: Perron

Date Received: 8/2/95  
 Lab Job No: 009127  
 Lab Case No: 31731  
 Date Reported: 8/3/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |             |                 |                 |                    |           |
|-----------------------------------|-----------------------|-------------|-----------------|-----------------|--------------------|-----------|
| Sample Number                     | Sample Identification | Sample Name | Date Collected  | Date Analyzed   | Analysis Technique |           |
| 01733                             | TP-158                | soil        | 8/2/95          | 8/2/95          | GC/ECD             |           |
| Line Number                       | Compound / Analysis   | Result (%)  | Units (by unit) | Detection Limit | Date Analyzed      | Reference |
| 1                                 | Total Solids          | 82          | Percent         | 0.10            | 8/2/95             | 180.8     |
| 2                                 | Aroclor 1221          | BDL         | mg/Kg           | 2.5             | 8/2/95             | EPA 8080  |
| 3                                 | Aroclor 1232          | BDL         | mg/Kg           | 2.5             | listed above       | EPA 8080  |
| 4                                 | Aroclor 1242/1016     | 6.8         | mg/Kg           | 2.5             | listed above       | EPA 8080  |
| 5                                 | Aroclor 1248          | BDL         | mg/Kg           | 2.5             | listed above       | EPA 8080  |
| 6                                 | Aroclor 1254          | BDL         | mg/Kg           | 2.5             | listed above       | EPA 8080  |
| 7                                 | Aroclor 1260          | BDL         | mg/Kg           | 2.5             | listed above       | EPA 8080  |
| 8                                 | Aroclor 1262          | BDL         | mg/Kg           | 2.5             | listed above       | EPA 8080  |
| 9                                 | Aroclor 1268          | BDL         | mg/Kg           | 2.5             | listed above       | EPA 8080  |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 387 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 Fax (508) 393-3074

**REPORT OF ANALYSIS**

**Job Name:** Prov Gas  
**Client Job No:** 013812  
**Site Location:** Allens Ave, Prov RI  
**Sampled By:** Perron

**Date Received:** 8/2/95  
**Lab Job No:** 009127  
**Lab Case No:** 91731  
**Date Reported:** 8/8/95

| POLYCHLORINATED BIPHENYLS - PCB's |                    |               |                |                 |               |           |
|-----------------------------------|--------------------|---------------|----------------|-----------------|---------------|-----------|
| Sample Number                     | Sample Description | Sample Matrix | Date Collected | Date Analyzed   | Method        | Reference |
| 51734                             | B-1                | wood          | 8/2/95         | 8/2/95          | GC/MSD        |           |
| Line Number                       | Compound Analyzed  | Result        | Units          | Detection Limit | Date Analyzed | Reference |
| 1                                 | Total Solids       | 42            | Percent        | 0.10            | 8/2/95        | 160.3     |
| 2                                 | Aroclor 1221       | BDL           | mg/Kg          | 0.60            | 8/3/95        | EPA 8080  |
| 3                                 | Aroclor 1232       | BDL           | mg/Kg          | 0.60            | listed above  | EPA 8080  |
| 4                                 | Aroclor 1242/1018  | BDL           | mg/Kg          | 0.60            | listed above  | EPA 8080  |
| 5                                 | Aroclor 1248       | BDL           | mg/Kg          | 0.60            | listed above  | EPA 8080  |
| 6                                 | Aroclor 1254       | BDL           | mg/Kg          | 0.60            | listed above  | EPA 8080  |
| 7                                 | Aroclor 1260       | BDL           | mg/Kg          | 0.60            | listed above  | EPA 8080  |
| 8                                 | Aroclor 1262       | BDL           | mg/Kg          | 0.60            | listed above  | EPA 8080  |
| 9                                 | Aroclor 1268       | BDL           | mg/Kg          | 0.60            | listed above  | EPA 8080  |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1990; Methods for Chemical Analysis of Water and Wastes, USEPA, 800/4-79-030.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

HYDROSAMPLE

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**METCALF & EDDY/ZECCO INC.**  
**Hydrosample Laboratory**  
 307 W. Main St., Northboro MA 01832  
 Tel (508) 393-2837 Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: Perron

Date Received: 8/2/95  
 Lab Job No: 009127  
 Lab Case No: 31731  
 Date Reported: 8/3/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |             |                |               |                    |
|-----------------------------------|-----------------------|---------------|-------------|----------------|---------------|--------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Sample Date | Lab. Collected | Lab. Reported | Analyst/Technician |
| 31735                             | TP-201                | soil          |             | 8/2/95         | 8/2/95        | OC/ECO             |
| Line Number                       | Compound Analyzed     | Units         | Units       | Lab. Collected | Lab. Reported | Method Reference   |
| 1                                 | Total Solids          | 95            | Percent     | 0.10           | 8/2/95        | 100.3              |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg       | 0.25           | 8/2/95        | EPA 8080           |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg       | 0.25           | listed above  | EPA 8080           |
| 4                                 | Aroclor 1242/1016     | 3.2           | mg/Kg       | 0.25           | listed above  | EPA 8080           |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg       | 0.25           | listed above  | EPA 8080           |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg       | 0.25           | listed above  | EPA 8080           |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg       | 0.25           | listed above  | EPA 8080           |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg       | 0.25           | listed above  | EPA 8080           |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg       | 0.25           | listed above  | EPA 8080           |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1989; Methods for Chemical Analysis of Water and Waste, USEPA, 800/4-79-000.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

HYDROSAMPLE

**METCALF & EDDY | ZECCO INC.**  
**Hydrosample Laboratory**  
 387 W. Main St., Northboro MA 01532  
 Tel (508) 393-3537 Fax (508) 393-3074

**REPORT OF ANALYSIS**

**Job Name:** Prov Gas  
**Client Job No:** 013812  
**Site Location:** Allens Ave, Prov RI  
**Sampled By:** Perron

**Date Received:** 8/2/95  
**Lab Job No:** 009127  
**Lab Case No:** 31731  
**Date Reported:** 8/3/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                |                 |                    |                  |  |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|--------------------|------------------|--|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Analyzed   | Analysis Technique |                  |  |
| 31738                             | TP-234                | soil          | 8/2/95         | 8/2/95          | GC/ECD             |                  |  |
| Line Number                       | Compound Analyzed     | Result (m)    | Units (g/L)    | Detection Limit | Quality Assurance  | Method Reference |  |
| 1                                 | Total Solids          | 91.           | Percent        | 0.10            | 8/2/95             | 1603             |  |
| 2                                 | Aroclor 1221          | NDL           | mg/Kg          | 2.5             | 8/2/95             | EPA 8080         |  |
| 3                                 | Aroclor 1232          | NDL           | mg/Kg          | 2.5             | listed above       | EPA 8080         |  |
| 4                                 | Aroclor 1242/1016     | NDL           | mg/Kg          | 2.5             | listed above       | EPA 8080         |  |
| 5                                 | Aroclor 1248          | NDL           | mg/Kg          | 2.5             | listed above       | EPA 8080         |  |
| 6                                 | Aroclor 1254          | NDL           | mg/Kg          | 2.5             | listed above       | EPA 8080         |  |
| 7                                 | Aroclor 1260          | NDL           | mg/Kg          | 2.5             | listed above       | EPA 8080         |  |
| 8                                 | Aroclor 1262          | NDL           | mg/Kg          | 2.5             | listed above       | EPA 8080         |  |
| 9                                 | Aroclor 1268          | NDL           | mg/Kg          | 2.5             | listed above       | EPA 8080         |  |

(1) NDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, 6W-846, 3rd ed., 1989; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-3537 Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: **Prov Gas**  
 Client Job No: **D13812**  
 Site Location: **Aliens Ave, Prov RI**  
 Sampled By: **Perron**

Date Received: **8/2/95**  
 Lab Job No: **009127**  
 Lab Case No: **31731**  
 Date Reported: **8/3/95**

| POLYCHLORINATED BIPHENYLS - PCB's |                    |               |                |               |                  |       |
|-----------------------------------|--------------------|---------------|----------------|---------------|------------------|-------|
| Sample Number                     | Sample Description | Sample Matrix | Date Collected | Date Reported | Method Reference | Notes |
| 31737                             | TP 258             | soil          | 8/2/95         | 8/3/95        | OC/BGD           |       |
| Line Number                       | Compound Analyzed  | Units         | Limit          | Date          | Method Reference | Notes |
| 1                                 | Total Solids       | SD. Percent   | 6.10           | 8/2/95        | 160.5            |       |
| 2                                 | Aroclor 1221       | SDL mg/Kg     | 25             | 8/3/95        | EPA 8080         |       |
| 3                                 | Aroclor 1232       | SDL mg/Kg     | 25             | listed above  | EPA 8080         |       |
| 4                                 | Aroclor 1242/1016  | SDL mg/Kg     | 25             | listed above  | EPA 8080         |       |
| 5                                 | Aroclor 1248       | SDL mg/Kg     | 25             | listed above  | EPA 8080         |       |
| 6                                 | Aroclor 1254       | SDL mg/Kg     | 25             | listed above  | EPA 8080         |       |
| 7                                 | Aroclor 1260       | SDL mg/Kg     | 25             | listed above  | EPA 8080         |       |
| 8                                 | Aroclor 1262       | SDL mg/Kg     | 25             | listed above  | EPA 8080         |       |
| 9                                 | Aroclor 1268       | SDL mg/Kg     | 25             | listed above  | EPA 8080         |       |

(1) SDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1982; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-70-010.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

**METCALF & EDDY/ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2897 - Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Aliens Ave, Prov RI  
 Sampled By: Perron

Date Received: 8/2/95  
 Lab Job No: 009127  
 Lab Case No: 31731  
 Date Reported: 8/3/95

| POLYCHLORINATED BIPHENYLS - PCB's |                    |               |                |               |                    |  |  |
|-----------------------------------|--------------------|---------------|----------------|---------------|--------------------|--|--|
| Sample Number                     | Sample Description | Sample Matrix | Date Collected | Date Analyzed | Analysis Technique |  |  |
| 31738                             | B-2                | wood          | 8/2/95         | 8/2/95        | GC/ECD             |  |  |
| Lab Number                        | Compound / Analyte | Unit          | Value          | Reference     | Method             |  |  |
| 1                                 | Total Solids       | %             | 0.10           | 8/2/95        | 1603               |  |  |
| 2                                 | Aroclor 1221       | mg/Kg         | 5.8            | 8/3/95        | EPA 8060           |  |  |
| 3                                 | Aroclor 1232       | mg/Kg         | 5.8            | listed above  | EPA 8060           |  |  |
| 4                                 | Aroclor 1242/1016  | mg/Kg         | 5.8            | listed above  | EPA 8060           |  |  |
| 5                                 | Aroclor 1248       | mg/Kg         | 5.8            | listed above  | EPA 8060           |  |  |
| 6                                 | Aroclor 1254       | mg/Kg         | 5.8            | listed above  | EPA 8060           |  |  |
| 7                                 | Aroclor 1250       | mg/Kg         | 5.8            | listed above  | EPA 8060           |  |  |
| 8                                 | Aroclor 1262       | mg/Kg         | 5.8            | listed above  | EPA 8060           |  |  |
| 9                                 | Aroclor 1268       | mg/Kg         | 5.8            | listed above  | EPA 8060           |  |  |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1989; Methods for Chemical Analysis of Water and Wastes, USEPA, 800/4-79-000.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.



**METCALF & EDDY | ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2937 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave, Prov RI  
 Sampled By: Perron

Date Received: 8/2/95  
 Lab Job No: 009127  
 Lab Case No: 31731  
 Date Reported: 8/3/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                |                 |                      |          |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|----------------------|----------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Analyzed   | Analysis Technique   |          |
| 3173U                             | B-3                   | wood          | 8/2/95         | 8/2/95          | GC/ECD               |          |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units (2)      | Detection Limit | Method Reference (3) |          |
| 1                                 | Total Solids          | 50.           | Percent        | 0.10            | 8/2/95               | 160.8    |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg          | 0.50            | 8/3/95               | EPA 8060 |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg          | 0.50            | listed above         | EPA 8060 |
| 4                                 | Aroclor 1242/1016     | BDL           | mg/Kg          | 0.50            | listed above         | EPA 8060 |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg          | 0.50            | listed above         | EPA 8060 |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg          | 0.50            | listed above         | EPA 8060 |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg          | 0.50            | listed above         | EPA 8060 |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg          | 0.50            | listed above         | EPA 8060 |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg          | 0.50            | listed above         | EPA 8060 |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1990; Methods for Chemical Analysis of Water and Wastes, USEPA, 800/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

**Zecco, Inc.**  
Environmental Solutions

**HYDROSAMPLE LABORATORY**

*A Metcalf & Eddy Company*

August 4, 1995

Mr. Jeffrey Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532

**LABORATORY ANALYSIS REPORT**  
Providence Gas

Dear Jeff,

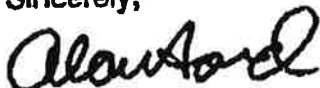
Enclosed are the results of analyses performed on 8 samples received at HYDROSAMPLE Laboratory on 8/4/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 31759.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., *A Metcalf & Eddy Company*. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,



Alan C Ford  
HYDROSAMPLE Laboratory Manager  
*A Metcalf & Eddy Company*

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Purposes Only  
EOIPROV0005622

Conv: Mark Hall. Resource Controls

**CHAIN OF CUSTODY FORM**  
Laboratory Services Workorder

**CALF & EDDY | ZECCO INC - Hydrosample Laboratory**  
387 West Main Street • Northboro MA 01532 • (508) 393-2537 • (800) 44-CLEEN

Client: **PROU GAS**      Report Due Date: **8/5/95**  
 Location: **Alleys Ave Prov. TEL**      Invoice To: (Mr. Ms.) **Zecco H.O.**  
 Entered By: **PERSON**      Fax:      Purchase Order No.      Special Instructions/Comments:

Sand Copy of Report To:

Client's Job No. **013812-0000**      Laboratory Job No.      Grid or Contour      Retention Code

| HYDROSAMPLE ID NUMBER | SAMPLE IDENTIFICATION | MATRIX | COLLECTED DATE | TIME  | Grid or Contour | Retention Code |
|-----------------------|-----------------------|--------|----------------|-------|-----------------|----------------|
| 31759                 | P-9                   | Soil   | 8/4            | 8:15  | C               | ✓              |
| 31760                 | P-10                  | Soil   | 8/4            | 8:15  | C               | ✓              |
| 31761                 | B-a (3-4)             | Water  | 8/4            | 8:30  | 6               | ✓              |
| 31762                 | B-a (3-4)             | Water  | 8/4            | 8:30  | 6               | ✓              |
| 31763                 | B-a (3-4)             | Water  | 8/4            | 8:30  | 6               | ✓              |
| 31764                 | F-4                   | Soil   | 8/4            | 8:30  | C               | ✓              |
| 31765                 | W-4                   | Soil   | 8/4            | 9:30  | C               | ✓              |
| 31766                 | WS-12                 | Wire   | 8/4            | 10:00 | 6               | ✓              |

| Inspected By       | Date | Time  | Received By        | Date | Time  |
|--------------------|------|-------|--------------------|------|-------|
| <i>[Signature]</i> | 8/4  | 10:05 | <i>[Signature]</i> | 8/4  | 10:25 |
| <i>[Signature]</i> | 8/4  | 10:05 | <i>[Signature]</i> | 8/4  | 11:20 |

Special Instructions/Comments:      Sheet # \_\_\_\_\_ of \_\_\_\_\_

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov. RI  
 Sampled By: Perron

Date Received: 8/4/95  
 Lab Job No: 009127  
 Lab Case No: 31759  
 Date Reported: 8/4/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31759                             | P-9                   | soil          | 8/4               | 8/4/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (%) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 100.          | Percent           | 0.10            | 8/4/95               | 100.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 2.5             | 8/4/95               | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | 97.           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-78-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov. RI  
 Sampled By: Perron

Date Received: 8/4/95  
 Lab Job No: 009127  
 Lab Case No: 31759  
 Date Reported: 8/4/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                   |                 |                    |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|--------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analysis Technique |                      |
| 31760                             | P-10                  | soil          | 8/4               | 8/4/95          | GC/ECD             |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed      | Method Reference (2) |
| 1                                 | Total Solids          | 100.          | Percent           | 0.10            | 8/4/95             | 100.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 2.5             | 8/4/95             | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 2.5             | listed above       | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | 53.           | mg/Kg             | 2.5             | listed above       | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 2.5             | listed above       | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 2.5             | listed above       | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 2.5             | listed above       | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 2.5             | listed above       | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 2.5             | listed above       | EPA 8080             |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov. RI  
 Sampled By: Perron

Date Received: 8/4/95  
 Lab Job No: 009127  
 Lab Case No: 31759  
 Date Reported: 8/4/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |  |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|--|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |  |
| 31761                             | B-2 (0-1)             | wood          | 8/4               | 8/4/95          | GC/ECD               |                      |  |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units (dry wt. %) | Detection Limit | Date Analyzed        | Method Reference (2) |  |
| 1                                 | Total Solids          | 51.           | Percent           | 0.10            | 8/4/95               | 160.3                |  |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 4.9             | 8/4/95               | EPA 8080             |  |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 4.9             | listed above         | EPA 8080             |  |
| 4                                 | Aroclor 1242/1016     | BDL           | mg/Kg             | 4.9             | listed above         | EPA 8080             |  |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 4.9             | listed above         | EPA 8080             |  |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 4.9             | listed above         | EPA 8080             |  |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 4.9             | listed above         | EPA 8080             |  |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 4.9             | listed above         | EPA 8080             |  |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 4.9             | listed above         | EPA 8080             |  |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988; Methods for Chemical Analysis of Water and Wastes, USEPA, 800/4-78-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

**METCALF & EDDY|ZECCO INC.**  
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**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov. RI  
 Sampled By: Perron

Date Received: 8/4/95  
 Lab Job No: 009127  
 Lab Case No: 31759  
 Date Reported: 8/4/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Estimated  | Analytical Technique |                      |
| 31762                             | B-2 (3-4)             | wood          | 8/4               | 8/4/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 58.           | Percent           | 0.10            | 8/4/95               | 160.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 4.3             | 8/4/95               | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 4.3             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | 41.           | mg/Kg             | 4.3             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 4.3             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 4.3             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 4.3             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 4.3             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 4.3             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 800/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.



**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 - Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov. RI  
 Sampled By: Perron

Date Received: 8/4/95  
 Lab Job No: 009127  
 Lab Case No: 31759  
 Date Reported: 8/4/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                    |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|--------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analysis Technique |                      |
| 31763                             | R-2 (5-6)             | wood          | 8/4               | 8/4/95          | GC/ECD             |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed      | Method Reference (2) |
| 1                                 | Total Solids          | 57.           | Percent           | 0.10            | 8/4/95             | 100.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 4.4             | 8/4/95             | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 4.4             | listed above       | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | BDL           | mg/Kg             | 4.4             | listed above       | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 4.4             | listed above       | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 4.4             | listed above       | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 4.4             | listed above       | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 4.4             | listed above       | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 4.4             | listed above       | EPA 8080             |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1989; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**Hydrosample Laboratory**  
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**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov. RI  
 Sampled By: Perron

Date Received: 8/4/95  
 Lab Job No: 009127  
 Lab Case No: 31759  
 Date Reported: 8/4/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31764                             | F-4                   | soil          | 8/4               | 8/4/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (3) |
| 1                                 | Total Solids          | 95.           | Percent           | 0.10            | 8/4/95               | 160.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 0.50            | 8/4/95               | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | 52.           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

HYDROSAMPLE

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov. RI  
 Sampled By: Perron

Date Received: 8/4/95  
 Lab Job No: 009127  
 Lab Case No: 31759  
 Date Reported: 8/4/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                    |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|--------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected     | Date Extracted  | Analytical Technique |                      |
| 31765                             | W-4                   | soil          | 8/4                | 8/4/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units (dry wt) (2) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 100.          | Percent            | 0.10            | 8/4/95               | 160.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg              | 2.5             | 8/4/95               | EPA 8060             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg              | 2.5             | listed above         | EPA 8060             |
| 4                                 | Aroclor 1242/1016     | 32.           | mg/Kg              | 2.5             | listed above         | EPA 8060             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg              | 2.5             | listed above         | EPA 8060             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg              | 2.5             | listed above         | EPA 8060             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg              | 2.5             | listed above         | EPA 8060             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg              | 2.5             | listed above         | EPA 8060             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg              | 2.5             | listed above         | EPA 8060             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-78-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

**METCALF & EDDY | ZECCO INC.**  
**Hydrosample Laboratory**  
 387 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov. RI  
 Sampled By: Perron

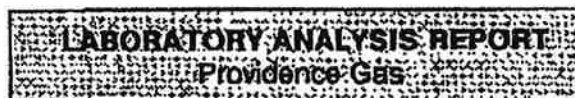
Date Received: 8/4/95  
 Lab Job No: 009127  
 Lab Case No: 31759  
 Date Reported: 8/4/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Extracted  | Analytical Technique |                      |
| 31766                             | WS-12                 | wipe          | 8/4            | 8/4/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units          | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1221          | BDL           | µg/wipe        | 100.            | 8/4/95               | EPA 8080             |
| 2                                 | Aroclor 1232          | BDL           | µg/wipe        | 100.            | listed above         | EPA 8080             |
| 3                                 | Aroclor 1242/1016     | BDL           | µg/wipe        | 100.            | listed above         | EPA 8080             |
| 4                                 | Aroclor 1248          | BDL           | µg/wipe        | 100.            | listed above         | EPA 8080             |
| 5                                 | Aroclor 1254          | BDL           | µg/wipe        | 100.            | listed above         | EPA 8080             |
| 6                                 | Aroclor 1260          | BDL           | µg/wipe        | 100.            | listed above         | EPA 8080             |
| 7                                 | Aroclor 1262          | BDL           | µg/wipe        | 100.            | listed above         | EPA 8080             |
| 8                                 | Aroclor 1268          | BDL           | µg/wipe        | 100.            | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 800/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

August 4, 1995

Mr. Jeffrey Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532



Dear Jeff,

Enclosed are the results of analyses performed on 3 samples received at HYDROSAMPLE Laboratory on 8/3/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 31755.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., A Metcalf & Eddy Company. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,

A handwritten signature in cursive script that reads "Alan C Ford".

Alan C Ford  
HYDROSAMPLE Laboratory Manager  
A Metcalf & Eddy Company

Copy: Mark Hall, Resource Controls

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Purposes Only  
EOIPROV0005632

367 West Main Street • Northboro, MA 01532 • (508) 383-2537 • FAX (508) 383-3074





**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov RI  
 Sampled By: Perron

Date Received: 8/3/95  
 Lab Job No: 009127  
 Lab Case No: 31755  
 Date Reported: 8/4/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31756                             | F3B                   | soil          | 8/3               | 8/3/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 82.           | Percent           | 0.10            | 8/4/95               | 160.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 3.0             | 8/4/95               | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | 17.           | mg/Kg             | 3.0             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 3.0             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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HYDROSAMPLE





**Zecco, Inc.***Environmental Solutions***HYDROSAMPLE LABORATORY***A Metcalf & Eddy Company*

August 8, 1995

Mr. Jeffrey Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532



Dear Jeff,

Enclosed are the results of analyses performed on 8 samples received at HYDROSAMPLE Laboratory on 8/7/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 31787.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., A Metcalf & Eddy Company. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,

A handwritten signature in cursive script that reads "Alan C Ford".

Alan C Ford  
HYDROSAMPLE Laboratory Manager  
A Metcalf & Eddy Company

Copy: Mark Hall, Resource Controls

**CALF & EDDY | ZECCO INC - Hydrosample Laboratory**  
 307 West Main Street • Northboro MA 01532 • (508) 380-2537 • (800) 44-CLEEN

AUG -08' 95 (TUE) 13:45

HYDROSAMPLE/ZECCO

TEL: 1 508 393 3074

P. 03

**CHAIN OF CUSTODY FORM**  
 Laboratory Services Workorder

TOTAL P. 02

Report To: (Mr. Ms.) Zecco H. W. STS.

Report Date: 8/18/95

Report To: (Mr. Ms.) SEAFIELD Mack Hall

Purchase Order No. 013812-0000

Client's Job No. 013812-0000

Client Name: POU GAS

Location: ALLEN AVE POU VT

Lab No. VT

Phone: 508 998 9193

FAX: 508 998 9193

Send Copy of Report To:

Preservative Code: PER

| HYDROSAMPLE ID NUMBER | SAMPLE IDENTIFICATION | MATRIX | COLLECTED |       | PRESERVATIVE CODE | # of Containers Submitted |
|-----------------------|-----------------------|--------|-----------|-------|-------------------|---------------------------|
|                       |                       |        | DATE      | TIME  |                   |                           |
| 31787                 | P-11                  | Soil   | 8/7       | 8:00  | C                 |                           |
| 31788                 | B-4 (0-1)             | Water  | 8/7       | 9:00  | S                 |                           |
| 31789                 | B-4 (1-4)             | Water  | 8/7       | 9:00  | S                 |                           |
| 31790                 | B-4 (5-6)             | Water  | 8/7       | 9:00  | S                 |                           |
| 31791                 | F-4B                  | Soil   | 8/7       | 10:00 | C                 |                           |
| 31792                 | F-5                   | Soil   | 8/7       | 10:00 | C                 |                           |
| 31793                 | W-5                   | Soil   | 8/7       | 10:00 | C                 |                           |
| 31794                 | WS-13                 | WIPE   | 8/7       | 10:15 | W                 |                           |

Received By: [Signature] Date: 8/7/95 Time: 10:35

Received by Hydroponics: [Signature] Date: 8/7/95 Time: 11:00 AM

Special Instructions/Comments

Abbreviations: I = Insoluble, H = Hex, S = H<sub>2</sub>SO<sub>4</sub>, N = HNO<sub>3</sub>, O = NaOH, T = Na<sub>2</sub>CO<sub>3</sub>, A = ...

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 EOIPROY0005638

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 - Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allen Ave Prov RI  
 Sampled By:

Date Received: 8/7/95  
 Lab Job No: 009127  
 Lab Case No: 31787  
 Date Reported: 8/8/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |                       |                              |                 |                      |                                 |
|-----------------------------------|-----------------------|-----------------------|------------------------------|-----------------|----------------------|---------------------------------|
| Sample Number                     | Sample Identification | Sample Matrix         | Date Collected               | Date Extracted  | Analytical Technique |                                 |
| 31787                             | P-11                  | soil                  | 8/7                          | 8/7/95          | GC/ECD               |                                 |
| Line Number                       | Compounds Analyzed    | Result <sup>(1)</sup> | Units dry wt. <sup>(2)</sup> | Detection Limit | Date Analyzed        | Method Reference <sup>(3)</sup> |
| 1                                 | Total Solids          | 93.                   | Percent                      | 0.10            | 8/7/95               | 160.3                           |
| 2                                 | Aroclor 1221          | BDL                   | mg/Kg                        | 0.50            | 8/7/95               | EPA 8080                        |
| 3                                 | Aroclor 1232          | BDL                   | mg/Kg                        | 0.50            | listed above         | EPA 8080                        |
| 4                                 | Aroclor 1242/1016     | BDL                   | mg/Kg                        | 0.50            | listed above         | EPA 8080                        |
| 5                                 | Aroclor 1248          | BDL                   | mg/Kg                        | 0.50            | listed above         | EPA 8080                        |
| 6                                 | Aroclor 1254          | BDL                   | mg/Kg                        | 0.50            | listed above         | EPA 8080                        |
| 7                                 | Aroclor 1260          | BDL                   | mg/Kg                        | 0.50            | listed above         | EPA 8080                        |
| 8                                 | Aroclor 1262          | BDL                   | mg/Kg                        | 0.50            | listed above         | EPA 8080                        |
| 9                                 | Aroclor 1268          | BDL                   | mg/Kg                        | 0.50            | listed above         | EPA 8080                        |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**REPORT OF ANALYSIS**

**Job Name:** Prov Gas  
**Client Job No:** 013812  
**Site Location:** Allen Ave Prov RI  
**Sampled By:**

**Date Received:** 8/7/95  
**Lab Job No:** 009127  
**Lab Case No:** 31787  
**Date Reported:** 8/8/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                   |                 |                    |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|--------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analysis Technique |                      |
| 31788                             | B-4 (0-1)             | wood          | 8/7               | 8/7/95          | GC/ECD             |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units (dry wt. %) | Detection Limit | Date Analyzed      | Method Reference (2) |
| 1                                 | Total Solids          | 39.           | Percent           | 0.10            | 8/7/95             | 160.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 1.3             | 8/7/95             | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 1.3             | listed above       | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | BDL           | mg/Kg             | 1.3             | listed above       | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 1.3             | listed above       | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 1.3             | listed above       | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 1.3             | listed above       | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 1.3             | listed above       | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 1.3             | listed above       | EPA 8080             |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1996; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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 Tel (508) 393-2537 - Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: D13812  
 Site Location: Allen Ave Prov RI  
 Sampled By:

Date Received: 8/7/95  
 Lab Job No: 009127  
 Lab Case No: 31787  
 Date Reported: 8/8/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |  |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|--|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |  |
| 31789                             | B 4 (3-4)             | wood          | 8/7               | 8/7/95          | GC/ECD               |                      |  |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (%) | Detection Limit | Date Analyzed        | Method Reference (2) |  |
| 1                                 | Total Solids          | 60.           | Percent           | 0.10            | 8/7/95               | 160.3                |  |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 0.83            | 8/7/95               | EPA 8080             |  |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 0.83            | listed above         | EPA 8080             |  |
| 4                                 | Aroclor 1242/1016     | BDL           | mg/Kg             | 0.83            | listed above         | EPA 8080             |  |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 0.83            | listed above         | EPA 8080             |  |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 0.83            | listed above         | EPA 8080             |  |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 0.83            | listed above         | EPA 8080             |  |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 0.83            | listed above         | EPA 8080             |  |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 0.83            | listed above         | EPA 8080             |  |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**REPORT OF ANALYSIS**

**Job Name:** Prov Gas  
**Client Job No:** 013812  
**Site Location:** Allen Ave Prov RI  
**Sampled By:**

**Date Received:** 8/7/95  
**Lab Job No:** 009127  
**Lab Case No:** 31787  
**Date Reported:** 8/8/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                  |                 |                      |                      |  |
|-----------------------------------|-----------------------|---------------|------------------|-----------------|----------------------|----------------------|--|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected   | Date Extracted  | Analytical Technique |                      |  |
| 31790                             | B-4 (5-5)             | wood          | 8/7              | 8/7/95          | GC/ECD               |                      |  |
| Line Number                       | Compound Analyzed     | Result (1)    | Units dry wt (%) | Detection Limit | Date Analyzed        | Method Reference (2) |  |
| 1                                 | Total Solids          | 49.           | Percent          | 0.10            | 8/7/95               | 160.3                |  |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg            | 1.0             | 8/7/95               | EPA 8080             |  |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg            | 1.0             | listed above         | EPA 8080             |  |
| 4                                 | Aroclor 1242/1018     | BDL           | mg/Kg            | 1.0             | listed above         | EPA 8080             |  |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg            | 1.0             | listed above         | EPA 8080             |  |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg            | 1.0             | listed above         | EPA 8080             |  |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg            | 1.0             | listed above         | EPA 8080             |  |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg            | 1.0             | listed above         | EPA 8080             |  |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg            | 1.0             | listed above         | EPA 8080             |  |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**Hydrosample Laboratory**  
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**REPORT OF ANALYSIS**

**Job Name:** Prov Gas  
**Client Job No:** 013812  
**Site Location:** Allen Ave Prov RI  
**Sampled By:**

**Date Received:** 8/7/95  
**Lab Job No:** 009127  
**Lab Case No:** 31787  
**Date Reported:** 8/8/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                |                 |                      |                      |  |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|----------------------|----------------------|--|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Extracted  | Analytical Technique |                      |  |
| 31791                             | F-4B                  | soil          | 8/7            | 8/7/95          | GC/ECD               |                      |  |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units (2)      | Detection Limit | Date Analyzed        | Method Reference (3) |  |
| 1                                 | Total Solids          | 89.           | Percent        | 0.10            | 8/7/95               | 160.3                |  |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg          | 2.5             | 8/7/95               | EPA 8080             |  |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg          | 2.5             | listed above         | EPA 8080             |  |
| 4                                 | Aroclor 1242/1016     | 180.          | mg/Kg          | 2.5             | listed above         | EPA 8080             |  |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg          | 2.5             | listed above         | EPA 8080             |  |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg          | 2.5             | listed above         | EPA 8080             |  |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg          | 2.5             | listed above         | EPA 8080             |  |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg          | 2.5             | listed above         | EPA 8080             |  |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg          | 2.5             | listed above         | EPA 8080             |  |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.



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**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allen Ave Prov RI  
 Sampled By:

Date Received: 8/7/95  
 Lab Job No: 009127  
 Lab Case No: 31787  
 Date Reported: 8/8/95

| POLYCHLORINATED BIPHENYLS - PCB's |                   |               |                   |                 |                      |                      |  |
|-----------------------------------|-------------------|---------------|-------------------|-----------------|----------------------|----------------------|--|
| Sample Number                     | Sample Identifier | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |  |
| 31792                             | F-5               | soil          | 8/7               | 8/7/95          | GC/ECD               |                      |  |
| Line Number                       | Compound Analyzed | Result        | Units dry wt. (%) | Detection Limit | Date Analyzed        | Method Reference (1) |  |
| 1                                 | Total Solids      | 90.           | Percent           | 0.10            | 8/7/95               | 160.3                |  |
| 2                                 | Aroclor 1221      | BDL           | mg/Kg             | 0.50            | 8/7/95               | EPA 8080             |  |
| 3                                 | Aroclor 1232      | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |  |
| 4                                 | Aroclor 1242/1016 | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |  |
| 5                                 | Aroclor 1248      | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |  |
| 6                                 | Aroclor 1254      | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |  |
| 7                                 | Aroclor 1260      | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |  |
| 8                                 | Aroclor 1262      | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |  |
| 9                                 | Aroclor 1268      | BDL           | mg/Kg             | 0.50            | listed above         | EPA 8080             |  |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.



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**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allen Ave Prov RI  
 Sampled By:

Date Received: 8/7/95  
 Lab Job No: 009127  
 Lab Case No: 31787  
 Date Reported: 8/8/95

| POLYCHLORINATED BIPHENYLS - PCB's |                    |               |                  |                 |                      |                      |  |
|-----------------------------------|--------------------|---------------|------------------|-----------------|----------------------|----------------------|--|
| Sample Number                     | Sample Identifier  | Sample Matrix | Date Collected   | Date Extracted  | Analytical Technique |                      |  |
| 31793                             | W-5                | soil          | 8/7              | 8/7/95          | GC/ECD               |                      |  |
| Line Number                       | Component Analyzed | Result (1)    | Units (dry wt %) | Detection Limit | Date Analyzed        | Method Reference (2) |  |
| 1                                 | Total Solids       | 93            | Percent          | 0.10            | 8/7/95               | 160.3                |  |
| 2                                 | Aroclor 1221       | BDL           | mg/Kg            | 0.50            | 8/7/95               | EPA 8080             |  |
| 3                                 | Aroclor 1232       | BDL           | mg/Kg            | 0.50            | listed above         | EPA 8080             |  |
| 4                                 | Aroclor 1242/1016  | BDL           | mg/Kg            | 0.50            | listed above         | EPA 8080             |  |
| 5                                 | Aroclor 1248       | BDL           | mg/Kg            | 0.50            | listed above         | EPA 8080             |  |
| 6                                 | Aroclor 1254       | BDL           | mg/Kg            | 0.50            | listed above         | EPA 8080             |  |
| 7                                 | Aroclor 1260       | BDL           | mg/Kg            | 0.50            | listed above         | EPA 8080             |  |
| 8                                 | Aroclor 1262       | BDL           | mg/Kg            | 0.50            | listed above         | EPA 8080             |  |
| 9                                 | Aroclor 1268       | BDL           | mg/Kg            | 0.50            | listed above         | EPA 8080             |  |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allen Ave Prov RI  
 Sampled By:

Date Received: 8/7/95  
 Lab Job No: 009127  
 Lab Case No: 31787  
 Date Reported: 8/8/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                  |                 |                      |                      |  |
|-----------------------------------|-----------------------|---------------|------------------|-----------------|----------------------|----------------------|--|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected   | Date Extracted  | Analytical Technique |                      |  |
| 31794                             | WS-13                 | wipe          | 8/7              | 8/7/95          | GC/ECD               |                      |  |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt (2) | Detection Limit | Date Analyzed        | Method Reference (3) |  |
|                                   | Aroclor 1221          | BDL           | µg/wipe          | 5.0             | 8/7/95               | EPA 8080             |  |
|                                   | Aroclor 1232          | BDL           | µg/wipe          | 5.0             | listed above         | EPA 8080             |  |
|                                   | Aroclor 1242/1016     | BDL           | µg/wipe          | 5.0             | listed above         | EPA 8080             |  |
|                                   | Aroclor 1248          | BDL           | µg/wipe          | 5.0             | listed above         | EPA 8080             |  |
|                                   | Aroclor 1254          | BDL           | µg/wipe          | 5.0             | listed above         | EPA 8080             |  |
|                                   | Aroclor 1260          | BDL           | µg/wipe          | 5.0             | listed above         | EPA 8080             |  |
|                                   | Aroclor 1262          | BDL           | µg/wipe          | 5.0             | listed above         | EPA 8080             |  |
|                                   | Aroclor 1268          | BDL           | µg/wipe          | 5.0             | listed above         | EPA 8080             |  |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

**Zecco, Inc.**  
Environmental Solutions

**HYDROSAMPLE LABORATORY**

*A Metcalf & Eddy Company*

August 9, 1995

Mr. Jeffrey Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532

**LABORATORY ANALYSIS REPORT**  
Providence Gas

Dear Jeff,


Enclosed are the results of analyses performed on 5 samples received at HYDROSAMPLE Laboratory on 8/8/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to **our case number 31800**.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., *A Metcalf & Eddy Company*. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,



Alan C Ford  
HYDROSAMPLE Laboratory Manager  
*A Metcalf & Eddy Company*

Copy: Mark Hall, Resource Controls

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**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov RI  
 Sampled By: Perron

Date Received: 8/8/95  
 Lab Job No: 009127  
 Lab Case No: 31800  
 Date Reported: 8/9/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31800                             | B-G                   | wood          | 8/8               | 8/8/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (3) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 38.           | Percent           | 0.10            | 8/8/95               | 160.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 1.3             | 8/8/95               | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 1.3             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | BDL           | mg/Kg             | 1.3             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | 5.3           | mg/Kg             | 1.3             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 1.3             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 1.3             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 1.3             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 1.3             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**HYDROSAMPLE**

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 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov RI  
 Sampled By: Perron

Date Received: 8/8/95  
 Lab Job No: 009127  
 Lab Case No: 31800  
 Date Reported: 8/9/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                  |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected   | Date Extracted  | Analytical Technique |                      |
| 31801                             | B-6                   | wood          | 8/8              | 8/8/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt (3) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 38.           | Percent          | 0.10            | 8/8/95               | 160.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg            | 1.3             | 8/8/95               | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg            | 1.3             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | BDL           | mg/Kg            | 1.3             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | 2.9           | mg/Kg            | 1.3             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg            | 1.3             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg            | 1.3             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg            | 1.3             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg            | 1.3             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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 EOIPROV0005649

**HYDROSAMPLE**

**METCALF & EDDY | ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov RI  
 Sampled By: Perron

Date Received: 8/8/95  
 Lab Job No: 009127  
 Lab Case No: 31800  
 Date Reported: 8/9/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31802                             | W-6                   | soil          | 8/8               | 8/8/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (3) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 90.           | Percent           | 0.10            | 8/8/95               | 160.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 0.25            | 8/8/95               | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 0.25            | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | 0.29          | mg/Kg             | 0.25            | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 0.25            | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 0.25            | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 0.25            | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 0.25            | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 0.25            | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**HYDROSAMPLE**

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov RI  
 Sampled By: Perron

Date Received: 8/8/95  
 Lab Job No: 009127  
 Lab Case No: 31800  
 Date Reported: 8/9/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                  |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected   | Date Extracted  | Analytical Technique |                      |
| 31803                             | F-6                   | soil          | 8/8              | 8/8/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt (3) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 89.           | Percent          | 0.10            | 8/8/95               | 160.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg            | 1.3             | 8/8/95               | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg            | 1.3             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | 15.           | mg/Kg            | 1.3             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg            | 1.3             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg            | 1.3             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg            | 1.3             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg            | 1.3             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg            | 1.3             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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HYDROSAMPLE

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov RI  
 Sampled By: Perron

Date Received: 8/8/95  
 Lab Job No: 009127  
 Lab Case No: 31800  
 Date Reported: 8/9/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31804                             | P-12                  | soil          | 8/8               | 8/8/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 91.           | Percent           | 0.10            | 8/8/95               | 160.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 2.5             | 8/8/95               | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | 46.           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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HYDROSAMPLE



August 9, 1995

REC'D AUG 11 1995

Mr. Mark Hall  
Resource Controls  
474 Broadway  
Pawtucket, RI 02860

**LABORATORY ANALYSIS REPORT**  
Providence Gas

Dear Mark,

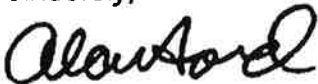
Enclosed are the results of analyses performed on 1 sample received at HYDROSAMPLE Laboratory on 8/8/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 31805.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., A Metcalf & Eddy Company. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,



Alan C Ford  
HYDROSAMPLE Laboratory Manager  
A Metcalf & Eddy Company

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EOIPROV0005653



**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 - Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Providence Gas  
 Client Job No: R-2000  
 Site Location: Allens Ave.  
 Sampled By: M. Hall

Date Received: 8/8/95  
 Lab Job No: 009127  
 Lab Case No: 31805  
 Date Reported: 8/9/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31805                             | F-4C                  | soil          | 8/8/95            | 8/8/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (3) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 90.           | Percent           | 0.10            | 8/8/95               | 160.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 2.5             | 8/8/95               | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | 62.           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |

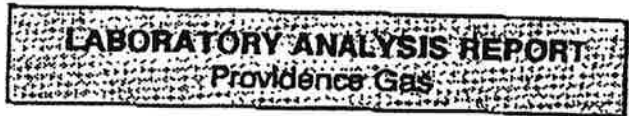
(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

August 10, 1995

Mr. Jeffrey Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532



Dear Jeff,

Enclosed are the results of analyses performed on 1 sample received at HYDROSAMPLE Laboratory on 8/9/98. As specified by the chain of custody documentation, the sample was processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 31809.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., *A Metcalf & Eddy Company*. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,

A handwritten signature in cursive script that reads "Alan C Ford".

Alan C Ford  
HYDROSAMPLE Laboratory Manager  
*A Metcalf & Eddy Company*

Copy: Mark Hall, Resource Controls

367 West Main Street • Northboro, MA 01532 • (508) 393-2537 • FAX (508) 393-3074

**M&ETech**

Metcalf & Eddy Technologies, Inc.

HYDROSAMPLE

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EOIPROV0005656

**METCALF & EDDY ; ZECCO INC - Hydrosample Laboratory**  
 357 West Main Street • Northboro MA 01532 • (508) 383-2537 • (800) 44-CLEAN

**CHAIN OF CUSTODY FORM**  
 Laboratory Services Workorder

Report To: (Mr. Mr.) **JEFF BERTON - Mark Hall**

24 hrs.  
 Report Due Date  
**8/10/95**

Invoice To: (Mr. Mr.) **Zecco H.W.**

Phone \_\_\_\_\_ FAX \_\_\_\_\_

Send Copy of Report To: \_\_\_\_\_

Job Name: **Pro. Gas** Client's Job No. **013812-2000** Purchase Order No. \_\_\_\_\_

Site Location: **Allegos Ave Prov. RI** Laboratory Job No. \_\_\_\_\_

Collected By: **PERNON**

| HYDRO SAMPLE ID NUMBER | SAMPLE IDENTIFICATION | MATRIX | COLLECTED |       | Date of Collection | Preservative Cases |
|------------------------|-----------------------|--------|-----------|-------|--------------------|--------------------|
|                        |                       |        | DATE      | TIME  |                    |                    |
| 1                      | F-4D                  | Soil   | 8/9       | 11:00 |                    |                    |
| 2                      |                       |        |           |       |                    |                    |
| 3                      |                       |        |           |       |                    |                    |
| 4                      |                       |        |           |       |                    |                    |
| 5                      |                       |        |           |       |                    |                    |
| 6                      |                       |        |           |       |                    |                    |
| 7                      |                       |        |           |       |                    |                    |
| 8                      |                       |        |           |       |                    |                    |
| 9                      |                       |        |           |       |                    |                    |
| 10                     |                       |        |           |       |                    |                    |
| 11                     |                       |        |           |       |                    |                    |
| 12                     |                       |        |           |       |                    |                    |

| Received by (Print name) | Date | Time  | Special Instructions/Comments |
|--------------------------|------|-------|-------------------------------|
| <i>[Signature]</i>       | 8/9  | 12:15 |                               |
| Received by (Print name) | Date | Time  |                               |
| <i>[Signature]</i>       | 8/9  | 13:30 |                               |

State: **RI** of \_\_\_\_\_  
 Date: **8/10/95**  
 Laboratory: **ALPHANALYTICAL**

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov RI  
 Sampled By: Perron

Date Received: 8/9/95  
 Lab Job No: 009127  
 Lab Case No: 31809  
 Date Reported: 8/10/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 31809                             | F-4D                  | soil          | 8/9               | 8/9/95          | GC/ECD               |                      |
| Line Number                       | Compound Analyzed     | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 88.           | Percent           | 0.10            | 8/9/95               | 160.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 2.5             | 8/9/95               | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | 25.           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

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**Zecco, Inc.**  
Environmental Solutions

**HYDROSAMPLE LABORATORY**

*A Metcalf & Eddy Company*

August 29, 1995

Mr. Mark Hall  
Resource Controls  
474 Broadway  
Pawtucket, RI 02860

**LABORATORY ANALYSIS REPORT**  
Providence Gas

Dear Mark,

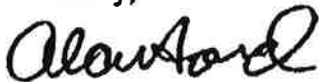
Enclosed are the results of analyses performed on 3 samples received at HYDROSAMPLE Laboratory on 8/23/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number **31961**.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., *A Metcalf & Eddy Company*. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,



Alan C Ford  
HYDROSAMPLE Laboratory Manager  
*A Metcalf & Eddy Company*

Copy: Jeff Perron, M&E|Zecco



**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: R-2000  
 Site Location: 642 Allens Ave, Prov RI  
 Sampled By: M. Hall

Date Received: 8/23/95  
 Lab Job No: 009127  
 Lab Case No: 31961  
 Date Reported: 8/29/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Extracted  | Analytical Technique |                      |
| 31961                             | WS-14                 | wipe          | 8/23/95        | 8/23/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units          | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1221          | BDL           | µg/wipe        | 10.             | 8/23/95              | EPA 8080             |
| 2                                 | Aroclor 1232          | BDL           | µg/wipe        | 10.             | listed above         | EPA 8080             |
| 3                                 | Aroclor 1242/1016     | BDL           | µg/wipe        | 10.             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1248          | 26.           | µg/wipe        | 10.             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1254          | BDL           | µg/wipe        | 10.             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1260          | BDL           | µg/wipe        | 10.             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1262          | BDL           | µg/wipe        | 10.             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1268          | BDL           | µg/wipe        | 10.             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986.  
 (3) Reported results have not been corrected for moisture content



**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: R-2000  
 Site Location: 642 Allens Ave, Prov RI  
 Sampled By: M. Hall

Date Received: 8/23/95  
 Lab Job No: 009127  
 Lab Case No: 31961  
 Date Reported: 8/29/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |                       |                |                 |                      |                                 |
|-----------------------------------|-----------------------|-----------------------|----------------|-----------------|----------------------|---------------------------------|
| Sample Number                     | Sample Identification | Sample Matrix         | Date Collected | Date Extracted  | Analytical Technique |                                 |
| 31962                             | WS-15                 | wipe                  | 8/23/95        | 8/23/95         | GC/ECD               |                                 |
| Line Number                       | Compounds Analyzed    | Result <sup>(1)</sup> | Units          | Detection Limit | Date Analyzed        | Method Reference <sup>(2)</sup> |
| 1                                 | Aroclor 1221          | BDL                   | µg/wipe        | 10.             | 8/23/95              | EPA 8080                        |
| 2                                 | Aroclor 1232          | BDL                   | µg/wipe        | 10.             | listed above         | EPA 8080                        |
| 3                                 | Aroclor 1242/1016     | BDL                   | µg/wipe        | 10.             | listed above         | EPA 8080                        |
| 4                                 | Aroclor 1248          | BDL                   | µg/wipe        | 10.             | listed above         | EPA 8080                        |
| 5                                 | Aroclor 1254          | BDL                   | µg/wipe        | 10.             | listed above         | EPA 8080                        |
| 6                                 | Aroclor 1260          | BDL                   | µg/wipe        | 10.             | listed above         | EPA 8080                        |
| 7                                 | Aroclor 1262          | BDL                   | µg/wipe        | 10.             | listed above         | EPA 8080                        |
| 8                                 | Aroclor 1268          | BDL                   | µg/wipe        | 10.             | listed above         | EPA 8080                        |

<sup>(1)</sup> BDL - Below Detection Limit  
<sup>(2)</sup> Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986.  
<sup>(3)</sup> Reported results have not been corrected for moisture content

**METCALF & EDDY | ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: R-2000  
 Site Location: 642 Allens Ave, Prov RI  
 Sampled By: M. Hall

Date Received: 8/23/95  
 Lab Job No: 009127  
 Lab Case No: 31961  
 Date Reported: 8/29/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|----------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected | Date Extracted  | Analytical Technique |                      |
| 31963                             | WS-16                 | wipe          | 8/23/95        | 8/23/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units          | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Aroclor 1221          | BDL           | µg/wipe        | 10.             | 8/23/95              | EPA 8080             |
| 2                                 | Aroclor 1232          | BDL           | µg/wipe        | 10.             | listed above         | EPA 8080             |
| 3                                 | Aroclor 1242/1016     | BDL           | µg/wipe        | 10.             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1248          | 91.           | µg/wipe        | 10.             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1254          | BDL           | µg/wipe        | 10.             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1260          | BDL           | µg/wipe        | 10.             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1262          | BDL           | µg/wipe        | 10.             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1268          | BDL           | µg/wipe        | 10.             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986.  
 (3) Reported results have not been corrected for moisture content

October 18, 1995

Mr. Jeffrey Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532

**LABORATORY ANALYSIS REPORT**  
Providence Gas

Dear Jeff,

Enclosed are the results of analyses performed on 2 samples received at HYDROSAMPLE Laboratory on 8/29/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 32040.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., A Metcalf & Eddy Company. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,

**COPY**

Alan C Ford  
HYDROSAMPLE Laboratory Manager  
A Metcalf & Eddy Company

Copy: Mark Hall, Resource Controls

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Providence Gas  
 Client Job No: 013812  
 Site Location: 642 Allens Ave, Prov RI  
 Sampled By: Mark Hall

Date Received: 8/29/95  
 Lab Job No: 009127  
 Lab Case No: 32040  
 Date Reported: 10/18/95

| POLYCHLORINATED BIPHENYLS - PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 32040                             | SS-15 (Southeast)     | soil          | 8/29/95           | 8/30/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 94.           | Percent           | 0.10            | 8/29/95              | 160.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 0.25            | 8/30/95              | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 0.25            | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | BDL           | mg/Kg             | 0.25            | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | 1.7           | mg/Kg             | 0.25            | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 0.25            | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 0.25            | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 0.25            | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 0.25            | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit  
 (2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1986; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.  
 (3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Providence Gas  
 Client Job No: 013812  
 Site Location: 642 Allens Ave, Prov RI  
 Sampled By: Mark Hall

Date Received: 8/29/95  
 Lab Job No: 009127  
 Lab Case No: 32040  
 Date Reported: 10/18/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 32041                             | SP-16 (Southwest)     | soil          | 8/29/95           | 8/30/95         | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 93.           | Percent           | 0.10            | 8/29/95              | 100.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 13.             | 8/30/95              | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 13.             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | 94.           | mg/Kg             | 13.             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 13.             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 13.             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 13.             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 13.             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 13.             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

# Zecco, Inc.

Environmental Solutions

## HYDROSAMPLE LABORATORY

A Metcalf & Eddy Company

October 18, 1995

Mr. Jeffrey Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532

**LABORATORY ANALYSIS REPORT**  
Providence Gas

Dear Jeff,

Enclosed are the results of analyses performed on 1 sample received at HYDROSAMPLE Laboratory on 9/1/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 32072.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., A Metcalf & Eddy Company. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,

Alan C. Ford

**HYDROSAMPLE Laboratory Manager**  
A Metcalf & Eddy Company

Copy: Mark Hall, Resource Controls

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 387 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: 642 Allens Ave Prov RI  
 Sampled By: J Perron

Date Received: 9/1/95  
 Lab Job No: 009127  
 Lab Case No: 32072  
 Date Reported: 10/18/95

| POLYCHLORINATED BIPHENYLS – PCB's |                       |               |                   |                 |                      |                      |
|-----------------------------------|-----------------------|---------------|-------------------|-----------------|----------------------|----------------------|
| Sample Number                     | Sample Identification | Sample Matrix | Date Collected    | Date Extracted  | Analytical Technique |                      |
| 32072                             | SW-16B                | soil          | 9/1               | 9/5/95          | GC/ECD               |                      |
| Line Number                       | Compounds Analyzed    | Result (1)    | Units dry wt. (2) | Detection Limit | Date Analyzed        | Method Reference (2) |
| 1                                 | Total Solids          | 92.           | Percent           | 0.10            | 9/1/95               | 180.3                |
| 2                                 | Aroclor 1221          | BDL           | mg/Kg             | 2.5             | 9/5/95               | EPA 8080             |
| 3                                 | Aroclor 1232          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 4                                 | Aroclor 1242/1016     | 12.           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 5                                 | Aroclor 1248          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 6                                 | Aroclor 1254          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 7                                 | Aroclor 1260          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 8                                 | Aroclor 1262          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |
| 9                                 | Aroclor 1268          | BDL           | mg/Kg             | 2.5             | listed above         | EPA 8080             |

(1) BDL - Below Detection Limit

(2) Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., 1988; Methods for Chemical Analysis of Water and Wastes, USEPA, 600/4-79-020.

(3) Results reported have been corrected for moisture content and are reported on the dry weight basis.

# Zecco, Inc.

Environmental Solutions

## HYDROSAMPLE LABORATORY

A Metcalf & Eddy Company

October 18, 1995

Mr. Jeffrey Perron  
Metcalf & Eddy | Zecco Inc.  
345 West Main Street  
Northboro, MA 01532

**LABORATORY ANALYSIS REPORT**  
Providence Gas

Dear Jeff,

Enclosed are the results of analyses performed on 5 samples received at HYDROSAMPLE Laboratory on 9/1/95. As specified by the chain of custody documentation, the samples were processed for a rush turnaround time.

This letter authorizes the release of the attached analytical data and should be considered an integral part of your report. In order to facilitate a quick response should you require additional information or wish to discuss the results of these analyses in greater detail, please refer to our case number 32067.

Our entire staff wishes to take this opportunity to Thank You for choosing HYDROSAMPLE, the analytical laboratory of Zecco Inc., A Metcalf & Eddy Company. We've taken pride in providing you with what we believe to be the best possible service, and we will do everything we can to assure your complete satisfaction. We look forward to serving you again during your next important project and invite you to take advantage of our technical knowledge and expertise, solid reputation for thoroughness, quality and timely turnaround.

Please call upon me whenever I can be of further assistance. Your trust and goodwill are among my most valued assets, and I look forward to hearing from you.

Sincerely,

**COPY**  
Alan C Ford  
HYDROSAMPLE Laboratory Manager  
A Metcalf & Eddy Company

Copy: Mark Hall, Resource Controls



**APPENDIX D**

**Manifests and Weight Receipts**



Confidential-For Settlement  
 Purposes Only  
 OIPROV00059670

UNIFORM HAZARDOUS WASTE MANIFEST

Manifest No. RID007919774

2 Page 1 of 2

A Site Manifest Document Number  
 RI C 0028841

B Generator's Site Address  
 Providence Gas Company

C Site Transporter ID/License Plate  
 772-5040

D Transporter's Phone  
 0052924495

E US EPA ID Number  
 PADD030298400

F US EPA ID Number  
 0052924495

G Transporter's Company Name  
 Zacco, Inc.

H Generator's Name  
 Providence Gas Company

I Generator's Address  
 642 / Allens Avenue Providence, RI 02905

J Generator's Phone  
 772-5040

K Destination Facility Name and Address  
 Providence Gas Company, 10.5 Miles NW Grandview, 47310 Reno Road on RGT

L Destination Facility Phone and Address  
 Grandview, IN 46024

M Facility's Phone  
 208-311-2775

N Facility Mailing Address  
 Providence Gas Company, 10.5 Miles NW Grandview, 47310 Reno Road on RGT

O Transporter's Phone  
 005-393-2533

P Transporter's Phone  
 005-393-2533

Q US DOT Description of Material (Class, and ID Number)  
 NO polychlorinated biphenyls (PCB's), Class 9

R Packing Group III (PCB 5011 from Rpt11)

S EPA Handling Codes for Wastes Listed Above

T Additional Descriptions for Materials (if any)

U PCB Solids and Debris

V Greater than 500ppm

W Special Handling Instructions and Attention

X EPA 31 One of Service Rate 7/95 In case of emergency contact Zacco, Inc.

Y MSID1778001

Z MSID1778001

AA Generator's Certification

AB Generator's Name

AC Generator's Address

AD Generator's Phone

AE Site Manifest Document Number

AF Generator's Site Address

AG Site Transporter ID/License Plate

AH Transporter's Phone

AI Transporter's Phone

AJ Destination Facility Name and Address

AK Destination Facility Phone and Address

AL Facility's Phone

AM Facility Mailing Address

AN Transporter's Phone

AO Transporter's Phone

AP US DOT Description of Material (Class, and ID Number)

AQ Packing Group III (PCB 5011 from Rpt11)

AR EPA Handling Codes for Wastes Listed Above

AS Additional Descriptions for Materials (if any)

AT PCB Solids and Debris

AU Greater than 500ppm

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AX MSID1778001

AY MSID1778001

AZ Generator's Certification

AA Generator's Name

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AE Generator's Site Address

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AI Transporter's Phone

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AK Destination Facility Phone and Address

AL Facility's Phone

AM Facility Mailing Address

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AX MSID1778001

AY MSID1778001

AZ Generator's Certification

AA Generator's Name

AB Generator's Address

AC Generator's Phone

STATE OF RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Division of Solid and Hazardous Materials  
201 Thompson Street, Providence, RI 02908-5767  
401-277-2797

Form Approved, OMB No 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS  
WASTE MANIFEST

Manifest Document No. **RI0028842**

2 Page 1 of 2

Information in the shaded area  
must be required by federal law. But  
may be required by state law.

|   |  |   |                                    |
|---|--|---|------------------------------------|
| 1. Generator's Name and Site Address<br><b>PROVIDENCE GAS COMPANY<br/>647/ALLENS AVENUE PROVIDENCE, RI 02908</b>  |  | A. State Manifest Document Number<br><b>RI C 0028842</b>  |                                    |
| 4. Generator's Phone ( )<br><b>101 277-1040</b>   |  | B. Generator's Site Address<br><b>SAME</b>  |                                    |
| 5. Transporter 1 Company Name<br><b>ZECCO, INC.</b>   |  | C. State Transporter ID/License Plate<br><b>MAR508Y</b>   |                                    |
| 7. Transporter 1 Company Phone<br><b>CON RELL</b>   |  | D. Transporter's Phone<br><b>401-393-2537</b>   |                                    |
| 6. Designated Facility Name and Site Address<br><b>ENVIRONMENTAL SERVICES, PO 10400<br/>10.5 MILES NW GRANVILLE, MISSILE BASE ROAD ON HOYT<br/>GRANVILLE, IO 43024</b>  |  | E. State Transporter ID/License Plate<br><b>215-209-1832</b>  |                                    |
| US EPA ID Number<br><b>100052924495</b>   |  | F. Transporter's Phone<br><b>215-209-1832</b>   |                                    |
| US EPA ID Number<br><b>PAD030298400</b>   |  | H. Facility's Phone<br><b>200-838-2275</b>  |                                    |
| 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)<br><b>PCB POLYCHLORINATED BIPHENYLS MIXTURE, CLASS 9<br/>PACKING GROUP III UN2815 (PCB SOIL FROM SPILL) 001 CK</b>   |  | 12. Containers<br>No. <b>17</b> Type <b>54</b>  | 13. Total Quantity<br><b>17554</b> |
| 14. Waste No.<br><b>2002</b>  |  | 15. Special Handling Instructions and Additional Information<br><b>ERG# 31 OUT OF SERVICE DATE 7/26/95 IN CASE OF EMERGENCY CONTACT ZECCO, INC.<br/>EASU# 90 WSID# 17783001 AT 508-393-2537</b>   |                                    |
| 16. GENERATOR'S CERTIFICATION<br>I hereby certify that the contents of this consignment are fully and accurately described above by proper shipping names and are classified, packaged, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.<br>If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I am a small quantity generator, I have made good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I am a... |  | K. Handling Codes for Wastes Listed Above<br>Interim Final Interim Final<br>B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13 B14 B15 B16 B17 B18 B19 B20 B21 B22 B23 B24 B25 B26 B27 B28 B29 B30 B31 B32 B33 B34 B35 B36 B37 B38 B39 B40 B41 B42 B43 B44 B45 B46 B47 B48 B49 B50 B51 B52 B53 B54 B55 B56 B57 B58 B59 B60 B61 B62 B63 B64 B65 B66 B67 B68 B69 B70 B71 B72 B73 B74 B75 B76 B77 B78 B79 B80 B81 B82 B83 B84 B85 B86 B87 B88 B89 B90 B91 B92 B93 B94 B95 B96 B97 B98 B99 B100 |                                    |
| 17. Transporter 1 Acknowledgment of Receipt of Materials<br>Printed/Typed Name: <b>Joseph S. Serrall</b><br>Signature: <i>[Signature]</i><br>Date: <b>10/9/95</b>   |  | 18. Transporter 2 Acknowledgment of Receipt of Materials<br>Printed/Typed Name: <b>Joseph S. Serrall</b><br>Signature: <i>[Signature]</i><br>Date: <b>10/9/95</b>   |                                    |
| 19. Discrepancy Indication Space  |  | Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest, except as noted in Item 19<br>Printed/Typed Name: _____<br>Signature: _____<br>Date: _____   |                                    |

Copy 6: Generator Mails To Destination State  
ALL 8 COPIES MUST BE LEGIBLE!!

RI C 0028842

STATE OF RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Division of Solid and Hazardous Materials  
201 Commonwealth Street, Providence, RI 02908-5767  
401-277-2797

Form Approved OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS  
WASTE MANIFEST

Manifest Document No. **R10007318774**

Page 1 of 2

Information in the shaded areas is not required by Federal law but may be required by State law.

3. Generator's Name and Address  
**PROVIDENCE GAS COMPANY  
642/ALLENS AVENUE PROVIDENCE, RI 02905**

4. Generator's Phone (401) **277-5060**

5. Transporter 1 Company Name  
**ZECCO, INC.**

6. Transporter 1 US EPA ID Number  
**MAD052924495**

7. Transporter 2 Company Name  
**CON RAIL**

8. Transporter 2 US EPA ID Number  
**PAP030298400**

9. Designated Facility Name and Site Address  
**ENVIRSAFE SERVICES, OF IDAHO  
10.5 MILES NW GRANVIEN, MISSILE CLASS ROAD ON HGY 78  
GRANVIEN ID 83524**

10. Facility US EPA ID Number  
**I000073114654**

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)  
**PQ POLYCHLORINATED BIPHENYLS MIXTURE, CLASS 9  
PACKING GROUP III UN2815 (FOR SOIL FROM SPILL) 001 CM 10427**

12. Containers No. **14**

13. Total Quantity **10427**

14. Unit **KG**

15. Waste No. **8007**

| a | b | c | d | K. Handling Codes for Wastes Listed Above |       |         |       |
|---|---|---|---|---|-------|---------|-------|
|   |   |   |   | Interim                                   | Final | Interim | Final |
|   |   |   |   |   |       |         |       |

Additional Comments: **PCB SOIL AND DEBRIS  
GREATER THAN 500ppm**

15. Special Handling Instructions and Additional Information:  
**EMERG OUT OF SERVICE DATE 7/26/95 IN CASE OF EMERGENCY CONTACT ZECCO, INC.  
EASUS 4510417793001 AT 608-993-2627**

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this consignment are fully and accurately described above by proper shipping name and are in the correct pack, label, and placard and that the waste meets the specifications in proper condition for transport by highway according to applicable international and national requirements and that:

If I am a large quantity generator, I certify that I have taken the necessary measures to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, and I have made good faith effort to minimize my waste generation and select the best waste management option for the waste to be transported by air, rail, or water.

Printed/Typed Name: **HENRY ALLENSTAND**  
Signature: *Henry Allenstand*  
Date: **05/04/95**

17. Transporter 1 Acknowledgment of Receipt of Materials  
Printed/Typed Name: **Jonathan Small**  
Signature: *Jonathan Small*  
Date: **05/04/95**

18. Transporter 2 Acknowledgment of Receipt of Materials  
Printed/Typed Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19  
Printed/Typed Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

Copy 6: Generator Mails To Destination State

ALL 8 COPIES MUST BE LEGIBLE!!

RI C 0028843





STATE OF RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Division of Air and Hazardous Materials  
201 Westminster Street, Providence, RI 02908-5767  
(401) 277-2797

Form Approved OMB No 2050-0089 Expires 9-30-91

UNIFORM HAZARDOUS  
WASTE MANIFEST

Manifest Document No  
**RI0007918774**

Page 1 of 2

2 of 2

Information on the "Spill" area is not required by Federal Law, but may be required by State law.

3 Generator's Name and Facility Name  
**PROVIDENCE GAS COMPANY  
642/ALLENS AVENUE PROVIDENCE RI 02905**

4 Generator's Phone (401) 272-5040

5 Transporter 1 Company Name  
**ZECCO, INC.**

6 Transporter 2 Company Name  
**CON RAIL**

7 Designated Facility Name and Site Address  
**ENVIROSAFE SERVICES, OF IDAHO  
10.5 MILES IN GRANDVIEW, MISSILE BASE ROAD ON HWY  
GRANDVIEW, ID 83624**

8 US EPA ID Number  
**HA0052924495**

9 US EPA ID Number  
**PA0290298400**

10 US EPA ID Number  
**ID0073114654**

A. State Manifest Document Number  
**RI C 0028844**

B. Generator/Site Address  
**SAME**

C. State Transporter ID/License/Plate  
**HA25088**

D. Transporter's Phone  
**(800) 393-2500**

E. State Transporter ID/License/Plate

F. Transporter's Phone  
**(215) 282-1030**

G. Facility Mailing Address

H. Facility's Phone  
**(208) 334-2275**

| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)                           | 12. Containers No. | Type      | 13. Total Quantity | 14. Unit Wt/Vol | 15. Waste No. |
|--|--------------------|-----------|--------------------|-----------------|---------------|
| a. <b>RO POLYCHLORINATED BIPHENYLS MIXTURE, CLASS 9 001 PACKING GROUP III UNF315 (PCB SOIL FROM SPI STEEL)</b> |                    | <b>EM</b> | <b>19900</b>       | <b>X</b>        | <b>9007</b>   |
| b.   |                    |           |                    |                 |               |
| c.   |                    |           |                    |                 |               |
| d.   |                    |           |                    |                 |               |

16 Additional Descriptions for Material Listed Above  
**PCB SOIL AND DERRIS GREATER THAN 550PPM**

K. Handling Codes for Wastes Listed Above

| Interim                             | Final                               | Interim                             | Final                               |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

15 Special Handling Instructions and Additional Information  
**ERG#31 OUT OF SERVICE DATE 7/26/95 IN CASE OF EMERGENCY CONTACT ZECCO, INC. EASH# 87 NSID#17283001 AT 608-293-2587**

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. I am a large quantity generator, and I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and to the extent currently available to me which minimizes the present and future threat to human health and the environment, and I have made good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

17 Transporter 1 Acknowledgment of Receipt of Materials  
Printed/Typed Name: **Harry H. [Signature]**  
Signature: **[Signature]**  
Month Day Year: **09/02/95**

18 Transporter 2 Acknowledgment of Receipt of Materials  
Printed/Typed Name: **[Signature]**  
Signature: **[Signature]**  
Month Day Year: **09/02/95**

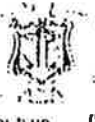
19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted by Item 19  
Printed/Typed Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Month Day Year: \_\_\_\_\_

Copy 6: Generator Mails To Destination State

ALL 8 COPIES MUST BE LEGIBLE!!

RI C 0028844



STATE OF RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Division of Air and Hazardous Materials 101 Thompkins Street, Providence, RI 02908-5767

Form Approved OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

Manifest Document No. RID007919774

Page 2 of 2

Information in the shaded areas is not required by Federal law but may be required by state law.

Generator's Name and Mailing Address: PROVIDENCE GAS COMPANY, 642/ALLENS AVENUE PROVIDENCE RI 02905. Generator's Phone: 401-272-5040. Transporter 1 Company Name: ZECCO, INC. Transporter 2 Company Name: CON RAIL. Designated Facility Name and Site Address: ENVIOSAFE SERVICES, OF IDAHO, 10.5 MILES NW GRANDVIEW, MISSILE BASE ROAD ON HWY 76, GRANDVIEW, ID 83624.

A. State Manifest Document Number: RI C 0028845. B. Generator/Site Address: SAME. C. State Transporter ID/License No.: MA15082. D. Transporter's Phone: 508-393-2537. E. State Transporter ID/License No.: [blank]. F. Transporter's Phone: 208-289-1837. G. Facility Mailing Address: [blank]. H. Facility's Phone: 208-289-2275.

Table with 12 columns: Containers No., Type, Total Quantity, Unit, Waste No. Row 1: RQ POLYCHLORINATED BIPHENYLS MIXTURE, CLASS 9 PACKING GROUP III HW215 (PCB SOIL FROM SPILL) 001 CB 8000 8007.

Additional Descriptions for Listed or Listed Above: PCB SOIL AND DEBRIS GREATER THAN 500PPM.

Table with 4 columns: Handling Codes for Wastes Listed Above. Columns: Intermediate, Final, Intermediate, Final.

Special Handling Instructions and Additional Information: ER0431, DMT OF SERVICE DATE 7/26/95 IN CASE OF EMERGENCY CONTACT ZECCO, INC. AT 508-393-2537. EASUS, NSID#17703001.

Generators Certification: I certify that the wastes in this shipment are fully and accurately described above by proper shipping name and are packaged, packed, manifest, and labeled in accordance with applicable Federal, State, and national government regulations. I have made good faith effort to minimize my waste generation and select the best waste management method that is available to me.

Transporter 1 Acknowledgment of Receipt of Materials: Printed/Typed Name: [Signature], Signature: [Signature], Date: 09/02/95. Transporter 2 Acknowledgment of Receipt of Materials: Printed/Typed Name: [Signature], Signature: [Signature], Date: 09/02/95.

Discrepancy Indentation Space: Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest, except as noted: Printed/Typed Name: [Signature], Signature: [Signature], Date: [blank].

Copy 6: Generator Mails To Destination State

ALL 8 COPIES MUST BE LEGIBLE!!

RI C 0028845

10-20-1995 02:19PM

216+494+3297 P.02



# TRANS-END TECHNOLOGY

October 20, 1995

Mr. Dave Zalewski  
Zecco, Inc.  
345 West Main Street  
Northboro, MA 01532

Dear Mr. Zalewski:

The following manifests had weight discrepancies upon arrival at the disposal facility, Envirosafe Services.

Here is an itemization of those discrepancies:

| <u>MANIFEST NUMBER</u> | <u>MANIFESTED WEIGHT</u>    | <u>RECEIVED WEIGHT</u> |
|------------------------|-----------------------------|------------------------|
| RI C 0028845           | 8,000 K (Est. 17,600 lbs.)  | 3,792 K (8,360 lbs.)   |
| RI C 0028842           | 17,554 K (Est. 38,619 lbs.) | 14,125 K (31,140 lbs.) |
| RI C 0028844           | 19,900 K (Est. 43,780 lbs.) | 15,486 K (34,140 lbs.) |
| RI C 0028843           | 10,427 K (Est. 22,939 lbs.) | 5,924 K (13,060 lbs.)  |
| RI C 0028841           | 12,254 K (Est. 26,959 lbs.) | 8,582 K (18,920 lbs.)  |

Please note that Zecco will still be charged for 20 tons per load, regardless of the weights stated above. If you have any questions regarding this information, please feel free to contact Bob Knowlton at (603) 335-0800 or myself at (216) 494-3068.

Sincerely,

Kristy A. Kracker  
Sales Representative

Enclosures

cc: B. Knowlton

kak

TRANS-END TECHNOLOGY  
831 North Main Street Suite 201 North Canton, Ohio 44720  
Office: (216) 494-3068 Fax: (216) 494-3297





10-20-1995 02:23PM

216+494+3297 P.08

**Hudson Terminal**  
Asphalt Facilities

One Service Road  
Providence, Rhode Island 02905

19084

TRUCK NUMBER 49 TRAILER NO. ZECCO DATE 9-1-95

CUSTOMER'S NAME \_\_\_\_\_ ADDRESS \_\_\_\_\_

DATE AND TIME WEIGHED 11:59 AM SE 05 95 WEIGHT 64300LB GROSS

TARE 37420 NET 26960 lb

WEIGHT 12254 k

WEIGHER [Signature] \$ 5.09 FEE PD.

WEIGHER \_\_\_\_\_ \$ \_\_\_\_\_ FEE PD.

ROCKINGTON PIZZA, INC. - 01-26-7482

10-20-1995 02:28PM

216+494+3297 P.03

10/10/1995 14:43 16033350567

TRANSEND ROCHESTER:

PAGE 03

10-10-95 11:42AM

TO 16033350567

7305/006

95276046

STATE OF RHODE ISLAND  
 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 Division of Air and Hazardous Materials  
 991 Promenade Street, Providence, RI 02902-5767  
 (401) 377-3187

**UNIFORM HAZARDOUS WASTE MANIFEST**

Generator's Name and Mailing Address: **PROVIDENCE GAS COMPANY 642/ALLENS AVENUE PROVIDENCE, RI 02905**

Generator's Phone: **401 272-5040**

Transporter's Company Name: **ZECCO, INC.**

Transporter's Company Name: **CON REIL**

Designated Facility Name and Site Address: **ENVYROSAFE SERVICES, OF IDAHO 10.5 MILES NW GRANDVIEW, MISSSLE BASE ROAD DN GRANDVIEW, ID 83624**

US DOT Description (including Proper Shipping Name, Hazard Class and ID Number): **RQ POLYCHLORINATED BIPHENYLS MIXTURE, CLASS 9 PACKING GROUP III UN001 (PCB SOIL FROM SPILL)**

Containers: **17554 K R007**

Additional Descriptions for Materials Listed Above: **PCB SOIL AND DEBRIS GREATER THAN 500ppm**

Special Handling Instructions and Additional Information: **EMERGENCY CONTACT ZECCO, INC. 508-393-2537**

Generator's Certification: **I hereby declare that the contents of this manifest are true and accurate, and that the materials described herein are properly classified, packaged, labeled, and marked in accordance with applicable federal, state, and local laws and regulations.**

Signature: **Henry H. Hesterland**

Signature: **James J. Small**

Signature: **JEREMIAH GURB...**

Signature: **Clark...**

10-20-1995 02:21PM

216+494+3297

P.04

Onis Service Road  
Providence, Rhode Island 02905

19093

**Hudson Terminal**  
Asphalt Facilities

TRUCK NUMBER 49 TRAILER NO. ZE DATE 9-7-95

CUSTOMER'S NAME ZECCO

ADDRESS \_\_\_\_\_

DATE AND TIME WEIGHED \_\_\_\_\_ WEIGHT \_\_\_\_\_ GROSS \_\_\_\_\_ TARE \_\_\_\_\_ NET \_\_\_\_\_

WEIGHT 75048LB TARE 37420 NET 38620 LB

WEIGHER Jean M. ... \$ \_\_\_\_\_ FEETD. \_\_\_\_\_

WTRHC. 17554K

ROXBOROUGH MASS INC - 401-73-7400

10-20-1995 02:21PM

216+494+3297 P.05

10/10/1995 14:43 16033350567

TRANSEND ROCHESTER:

PAGE 05

10-10-95 11:42AM

TO 16033350567:

P003/008



90278032

STATE OF RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
Division of Air and Hazardous Materials  
291 Promenade Street, Providence, RI 02908-5767  
R011277-7727

13,060 P  
5,924 N

UNIFORM HAZARDOUS WASTE MANIFEST RID007918774

1. Generator's Name and Mailing Address  
PROVIDENCE GAS COMPANY  
642/ALLENS AVENUE PROVIDENCE, RI 02905

2. Generator's Phone (401) 272-5040

3. Transporter 1 Company Name  
ZECCO, INC.

4. Transporter 1 US EPA ID Number  
MAD052924495

5. Transporter 2 Company Name  
CON RAIL

6. Transporter 2 US EPA ID Number  
PAD030298400

7. Designated Facility Name and Site Address  
ENVIROSAFE SERVICES, OF IDAHO  
10.5 MILES NW GRANDVIEW, MISSILE LEASE ROAD ON HGY 78  
GRANDVIEW ID 83624

8. Facility's Phone (208) 731-1465

9. State Manifest Department Number  
RI G 0028843

10. Transporter's Phone  
508-393-2537

11. US DOT Description (Use/Using Proper Shipping Name, Hazard Class, and ID Number)  
RQ POLYCHLORINATED BIPHENYLS MIXTURE, CLASS 9  
PACKING GROUP III UN2315 (PCB SOIL FROM SPILL)

12. Container Type, Quantity, and Weight  
001 CM 12 42.7 K R007

13. Additional Descriptions for Materials Listed Above  
a. PCB SOIL AND DEBRIS  
c. GREATER THAN 500ppm

14. Generator's Certification  
I hereby declare that the contents of this manifest are true and correct and that the waste is properly packaged, labeled, and marked in accordance with the requirements of the Department of Environmental Management regulations.

15. Signatures  
Henry Aldenbrand (Generator)  
Jonathan Small (Transporter 1)  
Serenita H. Storkow Sr (Transporter 2)

16. Discrepancy Indication Space  
9. Hwy 78 Clearing PCB  
13. 5,924 OK per Bob Krawtzen 10-10-95. ACS

17. Facility's Name and Address  
Amber Skow of the EPA

10-20-1995 02:23PM

216+494+3297 P.09

10/10/1995 14:43 16933350567

TRANSEND ROCHESTER:

PAGE 04

TO 16033350567

PC04/096

10-10-95 11:02AM

34,140 P  
15,486 K



STATE OF RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
Division of Air and Hazardous Materials  
291 Promenade Street, Providence, RI 02904-4707

95018004

Form designed for use on EPA 112 (0-01) (Rev. 08-81)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator Name and Mailing Address  
PROVIDENCE GAS COMPANY  
642 ALLENS AVENUE PROVIDENCE RI 02905

2. Generator's Phone: 401 272-5040

3. Transporter's Company Name  
ZECCO, INC.

4. Transporter's Company Name  
CON RAIL

5. Shipper's Name and Address  
ENVYOSAFE SERVICES, OF IDAHO  
10.5 MILES NW GRANDVIEW, MISSILE BASE ROAD ON HG  
GRANDVIEW, ID 83624

6. US EPA ID Number: MA05292495

7. US EPA ID Number: PA0030298400

8. US EPA ID Number: ID0073114654

9. US DOT Description including Proper Shipping Name, Hazard Class, and ID Number:  
RQ POLYCHLORINATED BIPHENYLS MIXTURE, CLASS  
PACKING GROUP III UN2318 (PCB SOIL FROM SPILL)

10. Additional Descriptions for Materials Listed Above:  
PCB SOIL AND DEBRIS GREATER THAN 80PPH

11. US DOT Description including Proper Shipping Name, Hazard Class, and ID Number:  
RQ POLYCHLORINATED BIPHENYLS MIXTURE, CLASS  
PACKING GROUP III UN2318 (PCB SOIL FROM SPILL)

12. Additional Descriptions for Materials Listed Above:  
PCB SOIL AND DEBRIS GREATER THAN 80PPH

13. General Handling Instructions and Additional Information:  
ER0931 OUT OF SERVICE DATE 7/28/95 IN CASE OF EMERGENCY CONTACT ZECCO, INC  
EASU# 87 WSID#17783001 AT 508-393-2537

14. Generator's Certification:  
I hereby certify that the contents of this manifest are true and correct and that the materials are properly classified, packaged, marked, and labeled in accordance with the requirements of the Federal Hazardous Waste Regulations (49 CFR 171-177) and the International and National Government Regulations. I am a large quantity generator, I certify that I have a program in place to ensure that the contents of this manifest are true and correct and that the materials are properly classified, packaged, marked, and labeled in accordance with the requirements of the Federal Hazardous Waste Regulations (49 CFR 171-177) and the International and National Government Regulations. I am a large quantity generator, I certify that I have a program in place to ensure that the contents of this manifest are true and correct and that the materials are properly classified, packaged, marked, and labeled in accordance with the requirements of the Federal Hazardous Waste Regulations (49 CFR 171-177) and the International and National Government Regulations.

15. Transporter's Acknowledgement of Receipt of Materials:  
Signature: Henry Altbrand Date: 10/10/95

16. Transporter's Acknowledgement of Receipt of Materials:  
Signature: Jonathan Small Date: 10/10/95

17. Discrepancy Information:  
9 MAY 95 Confusing ACS 130, 15, 486 OK per Bob Russell 10-9-95

18. Facility Owner's or Operator's Certification of Receipt of Hazardous Materials:  
Signature: Amber Sloan Date: 10/10/95



10-20-1995 02:24PM

216+494+3297 P.10

**Hudson Terminal**  
Asphalt Facilities

One Service Road  
Providence, Rhode Island 02905

19090

TRUCK NUMBER 49 TRAILER NO. 87 DATE 9/7/95

CUSTOMER'S NAME ZECCO

ADDRESS \_\_\_\_\_

| DATE AND TIME WEIGHED | WEIGHT  | GROSS | TARE  | NET   | WEIGHER            | WEIGHT | FEE PD. |
|-----------------------|---------|-------|-------|-------|--------------------|--------|---------|
| 06:02 AM SE 06 95     | 81200LB |       | 37420 | 43780 | <i>Leif Jordan</i> |        | \$ 5.00 |

WT HTG 19900.K

WASHINGTON PRESS, INC. - 401-726-7100

10-20-1995 02:25PM

216+494+3297 P.11

10/10/1995 14:43 16033350567

TRANSEND ROCHESTER:

PAGE 02

TO 16033350567

P006/006

7,360 P  
3,792 K

10-13-95 11:42AM



STATE OF RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Division of Air and Hazardous Materials  
201 Promenade Street, Providence, RI 02908-5787  
(401)271-3707

95076005

Form Approved EPA No. 800-0001-8

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's Name and Mailing Address  
PROVIDENCE GAS COMPANY  
642/ALLENS AVENUE PROVIDENCE RI 02905

2. Generator's Phone (401) 272-5040

3. Transporter's Company Name  
ZECCO, INC.  
CON RAIL

4. Transporter's Phone (401) 272-5040

5. Facility Name and Site Address  
ENVIRONMENTAL SERVICES, OF IDAHO  
10.5 MILES NW GRANDVIEW, MISSILE BASE ROAD ON HGY 7  
GRANDVIEW, ID 83624

6. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)  
PCB POLYCHLORINATED BIPHENYLS MIXTURE, CLASS 9  
PACKING GROUP III UN2315 (PCB SOIL FROM SPILL)

7. US EPA ID Number (Generator) MAD052924496  
US EPA ID Number (Transporter) PAD030298400  
US EPA ID Number (Facility) ID0073114654

8. Waste Manifest Document Number  
RI-C-0028845

9. Generator's Site Address  
SAME

10. State Transporter ID Number  
MA 5088

11. Transporter's Phone (401) 272-5040

12. State Transporter ID Number  
MA 5088

13. Transporter's Phone (216) 300-1031

14. Facility's Phone (208) 334-2278

| Containers | Total QUANTITY | Unit | Waste No. |
|------------|----------------|------|-----------|
| 001 CM     | 8000           | K    | 2007      |

15. Additional Descriptions for Materials Listed Above  
PCB SOIL AND DEBRIS  
GREATER THAN 500PPM

16. Special Handling Instructions and Additional Information  
EMERGENCY CONTACT ZECCO, INC  
OUT OF SERVICE DATE 7/26/95 IN CASE OF EMERGENCY CONTACT ZECCO, INC  
AT 508-393-2537

17. Generator's Certification  
I hereby certify that the contents of this manifest are true and accurately describe the waste shipped by me. I am a large quantity generator. I certify that I have a program in place to ensure the safety and health of the employees and the community and that I have determined the most appropriate method of treatment, storage, or disposal of the waste, which complies with the provisions of the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Act (EPA) and that I can afford the best waste management method that is available to me and that I can afford.

18. Transporter's Acknowledgment of Receipt of Material  
Signature: *Jonathan Small* Date: 10/10/95

19. Facility's Acknowledgment of Receipt of Material  
Signature: *Thomas DeLaughter* Date: 10/10/95

20. Emergency Contact Information  
Name: *Amber Sklar* Title: *ESR* Phone: *401-272-5040*

10-20-1995 02:26PM

216+494+3297 P. 12

19096

One Service Road  
Providence, Rhode Island 02905

**Hudson Terminal**  
Alpha Facility

DATE 9/7/95

TRAILER NO. 73

TRUCK NUMBER 49

CUSTOMER'S NAME ZECCO

ADDRESS \_\_\_\_\_

DATE AND TIME WEIGHED 12:43 PM SE 06 95

WEIGHT 55020LB

TARE 37420

NET 17600LB

WEIGHER 8000 K

RJM

WEIGHT \$ 500

TARE \$

NET \$

WEIGHER

NEWINGTON MFG. CO. - 61-74-140



---

**APPENDIX E**  
**NBC Discharge Permit**

**RESOURCE CONTROLS**  
**PAGE 12**



# WASTEWATER DISCHARGE PERMIT

Permit No.: P4012-011-0700  
Company Name: PROVIDENCE GAS COMPANY  
Facility Address: 642 Allens Avenue, Providence, RI 02905  
Mailing Address: 100 Weybossett St., Providence, RI 02903  
Facility Vice President: Ms. Alycia Goody  
Facility Authorized Agents: Mark Hall c/o Reosource Control's  
Remedial Services; Jeff Perrin c/o M & E Zecco, Inc.  
User Classification: Groundwater Remediation Discharges  
Categorical Standards Applicable: None

By virtue of Rhode Island's General Laws Title 46 Chapter 25 (Act) and in accordance with the Rules And Regulations For The Use Of Wastewater Facilities Within The Narragansett Bay Water Quality Management District (Rules and Regulations), Ms. Alycia Goody and Providence Gas Company, hereinafter referred to as Permittee, is hereby authorized to discharge process wastewater from the above identified facility in accordance with the terms and conditions set forth in this permit.

All discharges authorized herein must be consistent with the effluent limitations, monitoring requirements and other conditions set forth in this permit. The discharge of any pollutant not identified in this permit or any pollutant identified in this permit at a level in excess of that authorized shall constitute a violation of the permit. This permit consists of 14 pages with conditions A - T.

**This permit is effective upon receipt  
and expires on July 31, 2000.**

\*\*\*\*\*

Noncompliance with any term or condition of this permit shall constitute a violation of the NBC's Rules and Regulations and may subject the user to an Administrative or Civil Penalty of up to \$25,000 per violation per day as defined in R.I.G.L. §46-25-25.2. Willful or criminally negligent violations shall be punishable by fines and/or imprisonment as defined in R.I.G.L. §46-25-25.3.

Confidential-For Settlement  
Purposes Only  
EOIPROV0005686



CONDITIONS TO PERMIT

A. EFFLUENT DISCHARGE LIMITATIONS:

1. The permittee shall at all times comply with the effluent limitations specified on Table 1 on page 14, attached hereto and incorporated herein.
2. The permittee shall comply with all discharge limitations and prohibitions contained in Article 5 of the NBC's Rules and Regulations, as well as all other provisions of those Rules, and any other applicable State or Federal standards, including but not limited to the Federal Water Pollution Control Act, 33 U.S.C. § 1251 et seq. and R.I.G.L. § 46-12-1 et seq. The permittee shall at all times comply with 40 CFR § 403.5 and may not introduce into the NBC's facilities any pollutants which shall violate the general or specific prohibitions including but not limited to discharges resulting in pass through or interference situations at the Commission's facilities.
3. The permittee shall not increase the use of process water or dilute a discharge in any way as a partial or complete substitute for adequate treatment to achieve compliance with the above standards.
4. The permittee shall not exceed a total daily discharge rate of 10,000 gallons per day.

B. PERMITTED DISCHARGES:

1. The permittee is authorized to discharge the following tanks, solutions or process wastewater streams to the NBC's facilities:

Treated groundwater collected from the soil remediation project at compressor building #2.

2. No other process wastewater is to be discharged to the sewer unless specifically approved by the NBC in writing.

C. PROHIBITIONS:

1. The permittee is strictly prohibited from discharging any prohibited substances as detailed in the Rules and Regulations of the Narragansett Bay Water Quality Management District Commission. Prohibited discharges include, but are not limited to, the following:

- a. Acidic Solutions
- b. Caustic Solutions

- c. Degreasing Solutions
- d. Solvents
- e. Sludges
- f. Fuel or Lubricating Oils

2. The permittee is strictly prohibited from discharging any process wastewater streams other than those specified in Section B(1) of this permit or wastestreams containing pollutants with concentrations in excess of the effluent limitations specified on Table 1 on page 14, attached hereto and incorporated herein.

3. The permittee may only treat and/or discharge those solutions that were indicated as such on plans submitted to the Commission by the permittee on July 5, 1995. The permittee is strictly prohibited from discharging any other tanks, solutions, chemicals or materials including all prohibited substances as defined in the Rules and Regulations of the Narragansett Bay Water Quality Management District without written approval from the Commission.

4. The use of portable pumps and/or flexible hose for transfer of chemicals or wastewater is specifically prohibited without written approval from the Commission.

**D. PRETREATMENT REQUIREMENTS:**

1. The permittee must provide and maintain an easily accessible sample location downstream of each process discharge specified in Section B(1) of this permit. A total of one (1) sample location must be provided and must collect wastewater from the process operations indicated as follows:

Sample Location #1 - Sample port located upstream of the effluent meter receiving all wastewater streams listed in Section B(1) of this permit.

The permittee is prohibited from discharging dilution wastestreams, such as sanitary and non-contact cooling water into the process wastewater sampling location. Dilution wastestreams must discharge downstream of the process wastewater sampling location. The process wastewater sampling location must be installed within thirty (30) days from the effective date of this permit and must be approved by the NBC prior to beginning construction. The discharge through the sample location must be in compliance with the effluent limitations specified in Table 1 of this permit.

2. The permittee shall operate and maintain the filtration and carbon adsorption pretreatment system in conformance with plans submitted to the NBC on July 5, 1995. This pretreatment system shall be fully operational whenever process discharges to the sewer occur.

3. The permittee shall provide additional pretreatment of the process wastewater discharges listed in B(1) above if determined necessary by the NBC to ensure that effluent limitations are met at all times.

4. The permittee is responsible for properly operating and maintaining the pretreatment system to achieve and ensure compliance with the conditions of this permit. Proper operation and maintenance shall include but not be limited to: effective performance, adequate funding, adequate operator staffing and training, adequate laboratory and process controls, including appropriate quality assurance procedures.

5. The permittee must discharge the treated groundwater to the sanitary sewer line located on Providence Gas Company property and discharging to the NBC Allens Avenue sewer line.

6. The permittee shall install a discharge flow meter with a non-resettable totalizer to measure the amount of ground water discharged. The meter shall be installed prior to discharging treated wastewater to the sewer and shall be approved by the NBC prior to being installed. This meter will be utilized to assess sewer use fees based upon the volume of wastewater discharged in accordance with rates and fees approved by the Public Utilities Commission pursuant to RIGL §39-1-1 et seq and §46-25-1 et seq.

#### E. MONITORING REQUIREMENTS:

1. During the first full week of operation, the permittee shall conduct wastewater sampling on a daily basis. Each week from the second through the fifth week of operation, the permittee shall conduct wastewater sampling over one (1) full normal operating day each week. Thereafter, sampling is to be conducted over one (1) full normal operating day each month until the expiration date of this permit.

The sampling requirements, to be conducted in accordance with the aforementioned schedule, are as follows:

- a. The permittee shall take a minimum of two (2) grab samples, one in the morning and one in the afternoon, on a normal operating day, from the sample port located upstream of the effluent water meter (Sample Location #1). Each grab sample must be taken in a glass bottle and must be analyzed separately for:

Total Oil & Grease (Fats, Oil and Grease)

- b. Two (2) grab samples are to be taken, one in the morning and one in the afternoon, on a normal operating day from the sample port located upstream of the effluent meter (Sample Location #1). Each grab sample is to be taken in a glass bottle with a Teflon or Teflon coated cover. No air bubbles may be present in any grab sample or that grab sample must be discarded. Samples must be refrigerated at a temperature of 0 - 4°C until analysis. The samples are to be composited in the laboratory just prior to analysis and analyzed for:

Volatile Organic Compounds (VOC)

- c. A composite sample is to be taken from the sample port located upstream of the effluent meter (Sample Location #1) consisting of equal volume grab samples taken at least every half hour over the operating day or taken continuously with a composite sampler. The composite sample is to be stored in a glass amber bottle with a Teflon or Teflon coated cover after preservation with 0.008% sodium thiosulfate. If a sample cannot be collected within seventy two (72) hours of collection, the sample should be adjusted to a pH range of 5.0 to 10.0 standard units with either sodium hydroxide solution or sulfuric acid. The volume of acid or base used must be recorded and reported to the laboratory. Samples must be refrigerated at a temperature of 0 - 4°C and analyzed for:

Polychlorinated Biphenyls (Arochlor 1242, 1254, 1221, 1232, 1248, 1260, 1016)

2. All water meters measuring flows, which ultimately discharge to the sampling location specified previously, are to be read at the start of sampling and at the end of sampling. These readings and the resultant total flow are to be submitted with the sampling results.

3. A copy of the analytical results for each sampling month listed above must be sent to the NBC within 30 days after the end of the month in which the samples are to be taken. All sampling and analyses are to be done in accordance with EPA approved procedures (40 C.F.R. § 403 and 40 C.F.R. § 136). The permittee must complete and submit a Self-Monitoring Compliance Report (copy enclosed) with each certified laboratory analysis sheet. The laboratory analysis report must indicate the EPA approved test procedure for each parameter listed. All Self-Monitoring Compliance Reports must be signed by the permittee or authorized agent and must certify that the information submitted is accurate and complete to the best of their knowledge.



4. The permittee must compare the analytical report results with the NBC's effluent discharge limitations listed in Table 1. If there are any violations of the NBC's standards, the permittee must notify the NBC within 24 hours of becoming aware of the violation by contacting the pretreatment staff at 277-3738 or by using the twenty four (24) hour violation notification FAX form and must resample and analyze for the parameter(s) in violation of the NBC's standards. The results after resampling must be submitted to the NBC no later than 30 days following the date that the permittee became aware of the initial violation of the standards.

5. The NBC may, at any time, require more frequent monitoring than specified in this permit. Conditions that may result in the imposition of more frequent monitoring include, but are not limited to, the following:

- a. Failure to meet effluent limitations;
- b. Change in production processes;
- c. Expansion or reduction of production;
- d. Change in water usage;
- e. Discovery of additional information on monitoring or production unavailable to the NBC at the time this permit was prepared.

**F. RECORD KEEPING REQUIREMENTS:**

1. The permittee shall be responsible for maintaining a log book documenting all records pertaining to the operation of the pretreatment system, including but not limited to the following:

- a. Amount of sludge generated on a monthly basis;
- b. Completed manifest forms for hazardous materials;
- c. Maintenance performed on the pretreatment system including weekly probe cleaning, monthly probe calibration and other maintenance requests specified by inspectors of the NBC.

2. Records which substantiate any information supplied in permit applications, Self-Monitoring Compliance Reports and any other informational requirements of the Rules and Regulations or any applicable State or Federal law are to be kept by the permittee for a period of at least three (3) years unless a dispute or litigation involving the subject of those records is pending, in which case these records are to be kept by the permittee for a period of at least three (3) years following resolution of such litigation or dispute.

**G. ACCIDENTAL DISCHARGES, SPILL AND SLUG CONTROL PLANS:**

1. The permittee must maintain all associated facilities to ensure that incidental and accidental spills are not able to enter the NBC sewer system. In the case of accidental discharge to the NBC facilities, including any discharge that would violate a Federal prohibition under 40 CFR 403.5(b), it is the responsibility of the permittee to notify the NBC of the incident immediately by calling the NBC's Pretreatment Section at 277-3738 or during non-business hours at its 24 hour emergency hotline number, 277-6781.

2. Within five (5) days following an accidental discharge, the permittee shall submit to the NBC a detailed written report describing the nature, cause and volume of the discharge and the measures to be taken by the user to prevent similar future occurrences.

**H. RIGHT OF ENTRY:**

The NBC, upon presenting identification and appropriate credentials, is authorized to enter the premises of the permittee during working hours and at other reasonable times for the purposes of inspection, sampling, reading water meters, records inspecting and copying and as otherwise authorized under R.I.G.L. § 46-25-25.1. Reasonable hours in the context of inspection and sampling include any time the NBC has reason to believe that violation of the permit or of the Rules and Regulations is occurring.

**I. PERMIT FEE:**

The permittee agrees to pay an annual permit fee and all sewer user fees assessed by the NBC in accordance with rates and fees approved by the Public Utilities Commission pursuant to R.I.G.L. § 39-1-1 et seq. and § 46-25-1 et seq.

**J. CHANGES IN OPERATION:**

The permittee must notify the Commission in writing at least thirty (30) days prior to instituting any significant changes in operations that may affect the quality or quantity of the process wastestream discharged to the sewer system. Operational changes that may affect the quality or quantity of the process wastestream include, but are not limited to, the following:

1. Addition, removal, or relocation of process tanks or solutions;
2. Installation of any new wastewater generating process operation;
3. Relocation of any process operation piping, or valving;

### 3. Violations of the NBC's Permit

The permittee agrees to reimburse the NBC for any penalty and additional operating expense incurred by the NBC for violations of the NBC's NPDES, RIPDES, or any other state or federal permit which were caused by discharges from the permittee, either singly or by interaction with other wastes.

### 4. Penalties for Violations

Article 10 of the NBC's Rules and Regulations provides that any person who violates a permit condition is subject to an administrative or civil penalty of up to \$25,000 per violation per day as defined by R.I.G.L. §46-25-25.2. Willful or criminally negligent violations shall be punishable by the aforementioned fine and/or imprisonment as defined in R.I.G.L. §46-25-25.3.

### N. REVOCATION/SUSPENSION OF PERMIT:

1. Violations of the conditions of this permit, the NBC's Rules and Regulations, Act, and applicable State or Federal regulations may result in the revocation of this permit in accordance with the due process requirements of the NBC's Rules and Regulations. Violations that may result in revocation of this permit include, but are not limited to, the following:

- a. Failure to accurately report the wastewater constituents and characteristics of the discharge;
- b. Failure to report changes in operations or wastewater constituents;
- c. Failure to allow NBC personnel statutorily authorized access for the purposes of inspection or monitoring;
- d. Failure to adhere to an approved compliance schedule;
- e. Failure to comply with administrative orders or settlement agreements;
- f. Failure to pay authorized fees and user charges;
- g. Violation of any other applicable permit conditions.

This list is for illustrative purposes and is not intended to be inclusive.

2. The Executive Director may suspend this wastewater discharge permit should the permittee cease operations for any period exceeding one (1) month. The suspension will not act as a revocation of the permit, but rather as a temporary suspension of the user's rights under the permit while operations have ceased. During such suspension, the user's connection to the facilities shall be plugged. The user shall still be required to pay the permit fee, since the permit itself will not be revoked. During such suspension, the user shall be disconnected from the facility. The Commission shall have the authority to make periodic inspections during this time to determine whether the user is continuing to discharge regulated wastewater. Such discharge may be considered grounds for revocation of the wastewater discharge permit.

**O. CIVIL AND CRIMINAL LIABILITY:**

Nothing in this permit shall be construed to relieve the permittee from civil and/or criminal penalties for noncompliance with the NBC's Rules and Regulations or State or Federal laws or regulations.

**P. DUTY TO COMPLY:**

The permittee must comply with all conditions of this permit. Failure to comply with the requirements of this permit may be grounds for enforcement proceedings including administrative, civil and/or criminal penalties, injunctive relief and summary abatements.

Compliance with this permit does not relieve the permittee of its obligation to comply with any or all pretreatment regulations, standards or requirements under local, State and Federal laws, including any such regulations, standards, requirements, or laws that may become effective during the term of this permit.

**Q. REMOVED SUBSTANCES:**

Solids, sludges, filter residues or other pollutants removed in the course of treatment or control of wastewater shall be disposed of in accordance with § 405 of the Clean Water Act and subtitles C and D of the Resource Conservation and Recovery Act. A Resource Conservation and Recovery Act (RCRA) informational brochure is attached to this permit to inform you of your RCRA obligations.

**R. PERMIT MODIFICATION/RENEWAL:**

1. This permit may be modified for good causes including, but not limited to, the following:

- a. To incorporate any new or revised Federal, State, or pretreatment standards or requirements;
- b. Material or substantial alterations or additions to the permittee's process operation, or discharge volume or characteristics which were not considered in the drafting of this permit;
- c. A change in any condition regarding either the industrial user or the POTW that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- d. Information indicating that the permitted discharge poses a threat to the NBC collection or treatment system, POTW personnel or the receiving waters;
- e. Violation of any terms or conditions of the permit;
- f. Misrepresentation or failure to disclose fully all relevant facts in the permit application or in any required reporting;
- g. Revision of or a grant of variance from such categorical standards pursuant to 40 CFR 403.13;
- h. To correct typographical or other errors in the permit;
- i. To reflect transfer to the facility ownership and/or operation to a new owner/operator;
- j. Upon request of the permittee, provided such request does not create a violation of any applicable requirements, standards, laws, or rules and regulations.

The filing of a request by the permittee for a permit modification, revocation and reissuance, termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

2. If the permittee wishes to continue to discharge after the expiration date of this permit, an application must be filed for a permit renewal in accordance with the requirements of Article 8 of the NBC's Rules and Regulations a minimum of 90 days prior to the expiration date.

S. INTEGRATION:

This permit represents the entire agreement and understanding of the parties hereto to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder. This permit may not be modified or altered except in accordance with the provisions of Article 8 of the Rules and Regulations. All terms used in this permit shall be construed as defined under Article 2 of the Rules and Regulations.

T. JURISDICTION:

This permit shall be administered and interpreted under the laws of the State of Rhode Island. Jurisdiction of litigation arising from this permit shall be in the State of Rhode Island. If any part of this permit is found to be in conflict with applicable laws, such part shall be inoperative, null and void insofar as it is in conflict with said law, but the remainder of this permit shall be in full force and effect.

KJF:jn

Attachments:

Self Monitoring Compliance Report Form  
Designation of Authorized Agent Form  
RCRA Handbook  
Twenty-Four (24) Hour Notification FAX form  
List of Licensed Laboratories

TABLE 1  
NBC EFFLUENT DISCHARGE LIMITATIONS  
FIELD'S POINT DISTRICT

| <u>Parameter</u>                              | <u>Limitation (Max.)</u> |
|---|--------------------------|
| Total Toxic Organics (TTO)                    | 2.13                     |
| Biochemical Oxygen Demand (BOD <sub>5</sub> ) | 300.00*                  |
| Total Suspended Solids (TSS)                  | 300.00*                  |
| Total Oil and Grease (fats, oil and grease)   | 125.0                    |
| Oil and Grease (mineral origin)               | 25.0                     |
| Oil and Grease (animal/vegetable origin)      | 100.0                    |
| pH range (at all times)                       | 5.0 - 10.0 S.U.          |

| <u>Parameter</u> | <u>Daily Maximum<br/>(Composite for 1 day)</u> | <u>Average<br/>(10 day)</u> |
|------------------|--|-----------------------------|
| Cadmium (T)      | 0.11   | 0.07                        |
| Chromium (T)     | 2.77   | 1.71                        |
| Copper (T)       | 1.20   | 1.20                        |
| Cyanide (T)      | 0.58   | 0.58                        |
| Lead (T)         | 0.60   | 0.40                        |
| Mercury (T)      | 0.005  | 0.005                       |
| Nickel (T)       | 1.62   | 1.62                        |
| Silver (T)       | 0.43   | 0.24                        |
| Zinc (T)         | 2.61   | 1.48                        |

All parameters in mg/l unless otherwise specified.

(T) - denotes total metal or total cyanide concentration

\* Exceeding this discharge limitation may be permitted but would be subject to a surcharge in accordance with rates approved by the Public Utilities Commission and in accordance with R.I.G.L. § 39-1-1 et seq.



# CERTIFICATE TO DISCHARGE

the following types of process water:

TREATED GROUNDWATER DISCHARGED FROM THE SOIL REMEDIATION PROJECT

into the facilities of the

## NARRAGANSETT BAY COMMISSION

is hereby granted to:

\*fee\*

\*sticker\*

PROVIDENCE GAS COMPANY

642 ALLENS AVENUE

PROVIDENCE RI 02905

PERMIT NUMBER P4012-011-0700

The discharge permit must be kept at the above address for inspection. Failure to comply with the rules and regulations of the Narragansett Bay Commission or with the conditions of the discharge permit will subject the permittee to fines of up to \$25,000 per violation per R.I.G.L. 46-25-25.3.

Initial Date of Issuance

Paul Pinault, P.E., Executive Director

**This permit certificate is valid only if current fee sticker is attached.**



September 8, 1995

REC'D SEP 13 1995

Mr. Mark Hall  
Resource Control's Associates  
474 Broadway  
Pawtucket, RI 02860

Re: Providence Gas Company - Remediation

Dear Mr. Hall:

The revised pretreatment system information plan that we received on August 24, 1995, in conjunction with pretreatment plans submitted on July 14 and July 19, 1995, is acceptable to the Narragansett Bay Commission (NBC).

Acceptance of these plans by the NBC does not constitute any form of guarantee or insurance with respect to the performance of the equipment and processes reviewed, nor does it relieve you from the responsibility of modifying equipment as necessary in the future to produce an effluent which meets NBC discharge limitations.

Any review of process and/or pretreatment system plans and inspection(s) conducted by the NBC are for the sole purpose of determining compliance with the technical provisions of State, Federal, and NBC regulations. The NBC does not assume responsibility for means, methods or techniques used, or for the safety of construction works, the site, or for compliance by users with any other applicable laws and regulations.



REC'D SEP 18 1995

September 14, 1995

Mr. Mark Hall  
Resource Controls Association  
474 Broadway  
Pawtucket, RI 02860

Re: Providence Gas Company - Remediation Project

Dear Mr. Hall:

This letter serves to summarize the September 7, 1995 shut down inspection of Providence Gas Company's remediation project. A final wastewater discharge meter reading of 423000 gallons was taken at this time for Narragansett Bay Commission (NBC) billing purposes.

All remediation and discharge equipment has been dismantled and all process wastewater discharges to the NBC sewer system have ceased. Per your request, once all required Self-Monitoring Compliance Reports have been received by the NBC, Providence Gas Company's remediation project Wastewater Discharge Permit will be terminated.

If you have any questions, please contact me at 277-3738.

Sincerely,

  
Kara J. Forman  
Industrial Wastewater Control Engineer

KHF:mt

cc: Ms. Alycia Goody - Providence Gas Company

Confidential-For Settlement  
Purposes Only  
EOIPROV0005701



FIELD'S POINT DISTRICT  
SELF-MONITORING COMPLIANCE REPORT

Company Name PROVIDENCE GAS COMPANY  
Address of Premises Sampled 642 ALLENS AVENUE, PROVIDENCE, RI  
Date(s) Sampled 8/10/95  
Permit Sampling Month Satisfied  
Samples Taken By MARK S. JALL (Name of Person) RESOURCE CONTROLS (Company)  
Samples Analyzed By ZECCO, INC.-HYDROSAMPLE LABORATORY (Company)  
Type of Sample: Grab XX Composite  
IF Grab Sample, what time(s) was sample taken? 2:00 P.M.  
IF Composite Sample, describe how composite was taken \_\_\_\_\_

Where was sample taken? FROM TEMPORARY STORAGE TANK (FRAC TANK)

Water Meter Readings (List readings for all meters discharging to sampling location.)

|                                    | #1                                | #2             | #3                     |
|------------------------------------|-----------------------------------|----------------|------------------------|
| Closing Reading                    | <u>N/A-PRE DISCHARGE ANALYSIS</u> | _____          | _____                  |
| Opening Reading                    | _____                             | _____          | _____                  |
| Total                              | _____                             | _____          | _____                  |
| Units:                             | <u>cubic feet</u>                 | <u>gallons</u> | <u>other (specify)</u> |
| Were any batch discharges sampled? | <u>Yes</u>                        | <u>No</u>      | <u>XX</u>              |
| What tank was sample taken from?   | <u>FRAC TANK</u>                  |                |                        |
| Indicate volume of Batch Discharge | _____                             |                |                        |

Is this analysis a resampling required to demonstrate compliance with a previous violation? Yes \_\_\_\_\_ No XX

What is the sample identification number(s) or the analytical report identification number(s) indicated on the analytical report(s) being submitted? CASE NO. 31817

Is this analysis in full compliance with NBC standards listed on the back of this form? Yes XX No \_\_\_\_\_

Why was your facility not in full compliance with the NBC standards? \_\_\_\_\_

What steps will be taken by your firm to ensure full compliance with NBC standards on a continuous basis? \_\_\_\_\_

When will these steps be implemented? \_\_\_\_\_

If your firm is not in full compliance with the NBC standards, U.S. EPA regulations, 40 C.F.R. 403.12g(2) require that you notify the Commission at 277-3738 within 24 hours of becoming aware of the violation and that your firm resample and analyze for the parameter(s) in violation of the NBC standards. The results after resampling must be submitted to the Commission no later than thirty (30) days following the date that you became aware of the initial violation of the standards.

Please attach laboratory analysis sheet. Indicate on this sheet the method of analysis used for each parameter listed. Sampling and analysis shall be performed in accordance with the techniques prescribed by Federal regulations (40 C.F.R., Part 136).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. In lieu of monitoring for Total Toxic Organics, I hereby certify that based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitations for total Toxic Organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewater has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to the NBC.

W. J. Han Signature of Authorized Company Representative      8-25-95 Date

Report will be returned if form is not properly completed and signed.

**NBC FIELD'S POINT EFFLUENT DISCHARGE LIMITATIONS\***

| Parameter        | Maximum Daily<br>(Composite<br>for 1 day) | Average<br>(10 day) |
|------------------|---|---------------------|
| Cadmium (Total)  | 0.11                                      | 0.07                |
| Chromium (Total) | 2.77                                      | 1.71                |
| Copper (Total)   | 1.20                                      | 1.20                |
| Cyanide (Total)  | 0.58                                      | 0.58                |
| Lead (Total)     | 0.60                                      | 0.40                |
| Mercury (Total)  | 0.005                                     | 0.005               |
| Nickel (Total)   | 1.62                                      | 1.62                |
| Silver (Total)   | 0.43                                      | 0.24                |
| Zinc (Total)     | 2.61                                      | 1.48                |

Limitation (Max.)

|   |                 |
|---|-----------------|
| Total Toxic Organics (TTO)                  | 2.13            |
| Biochemical Oxygen Demand (BOD)             | 300.00**        |
| Total Suspended Solids (TSS)                | 300.00**        |
| Total Oil and Grease (fats, oil and grease) | 125.00          |
| Oil and Grease (mineral origin)             | 25.00           |
| Oil and Grease (vegetable origin)           | 100.00          |
| pH range (at all times)                     | 5.0 - 10.0 B.U. |

\* All parameters in mg/l unless otherwise specified.

\*\* Exceeding this discharge limitation may be permitted but would be subject to a surcharge in accordance with rates approved by the Public Utilities Commission and in accordance with R.I.O.L. §39-1-1 et seq.

Report To: (Mr. Ms.) Jeffery Person; Whitcomb

Report Due Date  
8/17/95

Invoice To: (Mr. Ms.) Zecco H. Co

Send Copy of Report To:

Phone: \_\_\_\_\_ FAX: \_\_\_\_\_ Purchase Order No. \_\_\_\_\_

Job Name: Prologas Client's Job No. 013 E120000  
 Site Location: Dillens Ave Fred RI  
 Collected by: Person Laboratory Job No. \_\_\_\_\_

| #  | HYDROSAMPLE ID NUMBER | SAMPLE IDENTIFICATION | MATRIX | COLLECTED |      | Lab or Composite | Preservative Codes             | Special Instructions/Notes |
|----|-----------------------|-----------------------|--------|-----------|------|------------------|--------------------------------|----------------------------|
|    |                       |                       |        | DATE      | TIME |                  |                                |                            |
| 1  | 21817                 | Treatment Inflow      | Water  | 8-10      | 200  | GH               | PCB<br>Total Oil/Grease<br>doc |                            |
| 2  |                       |                       |        |           |      |                  |                                |                            |
| 3  |                       |                       |        |           |      |                  |                                |                            |
| 4  |                       |                       |        |           |      |                  |                                |                            |
| 5  |                       |                       |        |           |      |                  |                                |                            |
| 6  |                       |                       |        |           |      |                  |                                |                            |
| 7  |                       |                       |        |           |      |                  |                                |                            |
| 8  |                       |                       |        |           |      |                  |                                |                            |
| 9  |                       |                       |        |           |      |                  |                                |                            |
| 10 |                       |                       |        |           |      |                  |                                |                            |
| 11 |                       |                       |        |           |      |                  |                                |                            |
| 12 |                       |                       |        |           |      |                  |                                |                            |

Received by: MARK DOMALE Date: 8-10-95 Time: 200  
 Signature: [Signature]  
 Received by: PERSON Date: 8-17-95 Time: 206  
 Signature: [Signature]  
 Received by: Person Date: 8-17-95 Time: 210  
 Signature: [Signature]

Scale: Aluminum Tank UFS: USA/MS  
 District: 000000 Date: 8-17-95 Page: 1 of 1

**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01832  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov RI  
 Sampled By: Perron

Date Received: 8/10/95  
 Lab Job No: 009127  
 Lab Case No: 31817  
 Date Reported: 8/18/95

| TOTAL FAT, OIL & GREASE - F.O.G. |                    |            |       |                 |               |                |               |                 |  |
|----------------------------------|--------------------|------------|-------|-----------------|---------------|----------------|---------------|-----------------|--|
| Sample Number                    | Sample Description | Result (1) | Units | Detection Limit | Sample Matrix | Date Collected | Date Analyzed | Method Ref. (2) |  |
| 31817                            | Treatment Influent | BDL        | mg/L  | 4.0             | Water         | 8/10           | 8/17/95       | 413.1           |  |

(1) BDL Below Detection Limit  
 (2) Gravimetric Method of Detection. Methods for Chemical Analysis of Water and Wastewater, USEPA, 800/4-78-620.

HYDROSAMPLE

TEL: 1 508 393 3074      HYDROSAMPLE/ZECCO      AUG. - 10 95 (FRI) 12:04

Confidential-For Settlement  
 Purposes Only  
 EOIPROY0005705

**MEICALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01852  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov RI  
 Sampled By: Perron

Date Received: 8/10/95  
 Lab Job No: 009127  
 Lab Case No: 31817  
 Date Reported: 8/18/95

| VOLATILE ORGANIC COMPOUNDS - VOC's |                           |               |                |                      |               |           |  |
|------------------------------------|---------------------------|---------------|----------------|----------------------|---------------|-----------|--|
| Sample Number                      | Sample Identification     | Sample Matrix | Date Collected | Analytical Technique |               |           |  |
| 31817                              | Treatment Influent        | Water         | 8/10           | GC/MS                |               |           |  |
| Line Number                        | Compounds Analyzed        | Result        | Unit           | Detection Limit      | Date Analyzed | Reference |  |
| 1                                  | Acetone                   | BDL           | µg/L           | 5.0                  | 8/14/95       | EPA 824   |  |
| 2                                  | Benzene                   | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 3                                  | Bromoform                 | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 4                                  | Bromomethane              | BDL           | µg/L           | 2.0                  | Noted Above   | EPA 824   |  |
| 5                                  | Carbon Disulfide          | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 6                                  | Carbon Tetrachloride      | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 7                                  | Chlorobenzene             | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 8                                  | Chloroethane              | BDL           | µg/L           | 2.0                  | Noted Above   | EPA 824   |  |
| 9                                  | 2-Chloroethyl Vinyl Ether | BDL           | µg/L           | 2.0                  | Noted Above   | EPA 824   |  |
| 10                                 | Chloroform                | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 11                                 | Chloromethane             | BDL           | µg/L           | 2.0                  | Noted Above   | EPA 824   |  |
| 12                                 | Dibromochloromethane      | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 13                                 | Dichlorobromomethane      | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 14                                 | 1,2-Dichlorobenzene       | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 15                                 | 1,3-Dichlorobenzene       | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 16                                 | 1,4-Dichlorobenzene       | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 17                                 | 1,1-Dichloroethane        | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 18                                 | 1,2-Dichloroethane        | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 19                                 | 1,1-Dichloroethene        | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 20                                 | trans-1,2-Dichloroethene  | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |
| 21                                 | 1,2-Dichloropropane       | BDL           | µg/L           | 5.0                  | Noted Above   | EPA 824   |  |

HYDROSAMPLE



**METCALF & EDDY|ZECCO INC.**  
**Hydrosample Laboratory**  
 367 W. Main St., Northboro MA 01532  
 Tel (508) 393-2537 • Fax (508) 393-3074

**REPORT OF ANALYSIS**

Job Name: Prov Gas  
 Client Job No: 013812  
 Site Location: Allens Ave Prov III  
 Sampled By: Perron

Date Received: 8/10/95  
 Lab Job No: 009127  
 Lab Case No: 31817  
 Date Reported: 8/18/95

| VOLATILE ORGANIC COMPOUNDS - VOC'S |                                    |                       |                |                 |                |                  |  |
|------------------------------------|------------------------------------|-----------------------|----------------|-----------------|----------------|------------------|--|
| Sample Number                      | Sample Identification              | Matrix                | Date Collected | Analysis Method |                |                  |  |
| 31817                              | Treatment Influent                 | Water                 | 8/10           | GC/MS           |                |                  |  |
| Line Number                        | Compound Analyzed                  | Result <sup>(1)</sup> | Units          | Detection Limit | Class Category | Method Reference |  |
| 22                                 | cis- 1,3 Dichloropropene           | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |
| 23                                 | trans- 1,3 Dichloropropene         | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |
| 24                                 | Ethyl Benzene                      | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |
| 25                                 | 2-Hexanone                         | BDL                   | µg/L           | 50.             | Noted Above    | EPA 824          |  |
| 26                                 | Methyl Ethyl Ketone (MEK)          | BDL                   | µg/L           | 50.             | Noted Above    | EPA 824          |  |
| 27                                 | Methyl Isobutyl Ketone (MIBK)      | BDL                   | µg/L           | 50.             | Noted Above    | EPA 824          |  |
| 28                                 | Methyl Tertiary Butyl Ether (MTBE) | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |
| 29                                 | Methylene Chloride                 | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |
| 30                                 | Styrene                            | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |
| 31                                 | 1,1,2,2-Tetrachloroethane          | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |
| 32                                 | Tetrachloroethene                  | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |
| 33                                 | Toluene                            | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |
| 34                                 | 1,1,1-Trichloroethane              | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |
| 35                                 | 1,1,2-Trichloroethane              | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |
| 36                                 | Trichloroethane                    | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |
| 37                                 | Trichlorofluoromethane             | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |
| 38                                 | Vinyl Acetate                      | BDL                   | µg/L           | 50.             | Noted Above    | EPA 824          |  |
| 39                                 | Vinyl Chloride                     | BDL                   | µg/L           | 50.             | Noted Above    | EPA 824          |  |
| 40                                 | Xylenes, total (m + o + p)         | BDL                   | µg/L           | 5.0             | Noted Above    | EPA 824          |  |

(1) BDL - Below Detection Limit

(2) Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater EPA-600/4-82-057, July 1982.

HYDROSAMPLE

SELF-MONITORING COMPLIANCE REPORT

Company Name PROVIDENCE GAS COMPANY  
 Address of Premises Sampled 642 ALLENS AVENUE, PROVIDENCE, RI

Date(s) Sampled 9-1-95  
 Permit Sampling Month September

Samples Taken By MARK S. JIALL (Name of Person) RESOURCE CONTROL (Company)

Samples Analyzed By ZECCO, INC. - HYDROSAMPLE LABORATORY (Company)

Type of Sample: Grab XX Composite  
 If Grab Sample, what time(s) was sample taken? 7:00 AM, 11:00 AM

If Composite Sample, describe how composite was taken \_\_\_\_\_

Where was sample taken? FROM TEMPORARY STORAGE TANK (FRAG TANK)

Water Meter Readings (List readings for all meters discharging to sampling location.)

|                 | 01      | 02 | 03 |
|-----------------|---------|----|----|
| Closing Reading | 42300.0 |    |    |
| Opening Reading | 41340.0 |    |    |
| Total           | 9040.0  |    |    |
| Units:          | gallons |    |    |

Were any batch discharges sampled? Yes  
 What tank was sample taken from? 9040 gal.  
 Indicate Volume of Batch Discharge \_\_\_\_\_

Location (Upstream of Effluent meter) \_\_\_\_\_

Is this analysis a resampling required to demonstrate compliance with a previous violation? Yes \_\_\_\_\_ No XX

What is the sample identification number(s) of the analytical report submitted? Case No. 32067

Is this analysis in full compliance with NBC standards listed on the back of this form? Yes XX No \_\_\_\_\_

Why was your facility not in full compliance with the NBC standards? \_\_\_\_\_

What steps will be taken by your firm to ensure full compliance with NBC standards on a continuous basis? \_\_\_\_\_

When will these steps be implemented? \_\_\_\_\_

If your firm is not in full compliance with the NBC standards, U.S. EPA regulations, 40 C.F.R. 403.12g(2) require that you notify the commission at 277-3730 within 24 hours of becoming aware of the violation and that your firm resample and analyze for the parameter(s) in violation of the NBC standards. The results after resampling must be submitted to the Commission no later than thirty (30) days following the date that you became aware of the initial violation of the standards.

**METCALF & EDDY|ZECCO INC.**  
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**REPORT OF ANALYSIS**

Job Name: Providence Gas  
 Client Job No: 013812  
 Site Location: 642 Allens Ave, Prov RI  
 Sampled By: Mark Hall

Date Received: 9/1/95  
 Lab Job No: 009127  
 Lab Case No: 32067  
 Date Reported: 10/18/95

**VOLATILE ORGANIC COMPOUNDS – VOC'S**

| Sample Number | Sample Identification     | Sample Matrix | Date Collected | Analysis Technique |               |                      |
|---------------|---------------------------|---------------|----------------|--------------------|---------------|----------------------|
| 32067         | Sample Location - 1 (730) | water         | 9/1/95         | GC/MS              |               |                      |
| Line Number   | Compounds Analyzed        | Result (1)    | Units          | Detection Limit    | Date Analyzed | Method Reference (2) |
| 1             | Acetone                   | 20.           | µg/L           | 10.                | 9/6/95        | EPA 824              |
| 2             | Benzene                   | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 3             | Bromoform                 | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 4             | Bromomethane              | BDL           | µg/L           | 20.                | listed above  | EPA 824              |
| 5             | Carbon Disulfide          | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 6             | Carbon Tetrachloride      | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 7             | Chlorobenzene             | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 8             | Chloroethane              | BDL           | µg/L           | 20.                | listed above  | EPA 824              |
| 9             | 2-Chloroethyl Vinyl Ether | BDL           | µg/L           | 20.                | listed above  | EPA 824              |
| 10            | Chloroform                | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 11            | Chloromethane             | BDL           | µg/L           | 20.                | listed above  | EPA 824              |
| 12            | Dibromochloromethane      | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 13            | Dichlorobromomethane      | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 14            | 1,2-Dichlorobenzene       | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 15            | 1,3-Dichlorobenzene       | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 16            | 1,4-Dichlorobenzene       | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 17            | 1,1-Dichloroethane        | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 18            | 1,2-Dichloroethane        | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 19            | 1,1-Dichloroethene        | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 20            | trans- 1,2-Dichloroethene | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |
| 21            | 1,2-Dichloropropane       | BDL           | µg/L           | 5.0                | listed above  | EPA 824              |

HYDROSAMPLE

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**REPORT OF ANALYSIS**

**Job Name:** Providence Gas  
**Client Job No:** 013812  
**Site Location:** 642 Allens Ave, Prov RI  
**Sampled By:** Mark Hall

**Date Received:** 9/1/95  
**Lab Job No:** 009127  
**Lab Case No:** 32067  
**Date Reported:** 10/18/95

| VOLATILE ORGANIC COMPOUNDS – VOC'S |                                    |                       |                |                      |               |                                 |  |
|------------------------------------|------------------------------------|-----------------------|----------------|----------------------|---------------|---------------------------------|--|
| Sample Number                      | Sample Identifier                  | Sample Matrix         | Date Collected | Analytical Technique |               |                                 |  |
| 32067                              | Sample Location - 1 (730)          | water                 | 9/1/95         | GC/MS                |               |                                 |  |
| Line Number                        | Compounds Analyzed                 | Result <sup>(1)</sup> | Units          | Detection Limit      | Date Analyzed | Method Reference <sup>(2)</sup> |  |
| 22                                 | <i>cis</i> - 1,3-Dichloropropene   | BDL                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |
| 23                                 | <i>trans</i> - 1,3 Dichloropropene | BDL                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |
| 24                                 | Ethyl Benzene                      | BDL                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |
| 25                                 | 2-Hexanone                         | BDL                   | µg/L           | 50.                  | listed above  | EPA 624                         |  |
| 26                                 | Methyl Ethyl Ketone (MEK)          | BDL                   | µg/L           | 50.                  | listed above  | EPA 624                         |  |
| 27                                 | Methyl Isobutyl Ketone (MIBK)      | BDL                   | µg/L           | 50.                  | listed above  | EPA 624                         |  |
| 28                                 | Methyl Tertiary Butyl Ether (MTBE) | BDL                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |
| 29                                 | Methylene Chloride                 | BDL                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |
| 30                                 | Styrene                            | BDL                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |
| 31                                 | 1,1,2,2-Tetrachloroethane          | BDL                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |
| 32                                 | Tetrachloroethene                  | BDL                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |
| 33                                 | Toluene                            | BDL                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |
| 34                                 | 1,1,1-Trichloroethane              | BDL                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |
| 35                                 | 1,1,2-Trichloroethane              | BDL                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |
| 36                                 | Trichloroethene                    | BDL                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |
| 37                                 | Trichlorofluoromethane             | BDL                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |
| 38                                 | Vinyl Acetate                      | BDL                   | µg/L           | 50.                  | listed above  | EPA 624                         |  |
| 39                                 | Vinyl Chloride                     | BDL                   | µg/L           | 20.                  | listed above  | EPA 624                         |  |
| 40                                 | Xylenes, total ( <i>m+o+p</i> )    | 11.                   | µg/L           | 5.0                  | listed above  | EPA 624                         |  |

<sup>(1)</sup> BDL - Below Detection Limit

<sup>(2)</sup> Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater EPA-600/4-82-057, July 1982.

**METCALF & EDDY|ZECCO INC.**  
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**REPORT OF ANALYSIS**

**Job Name:** Providence Gas  
**Client Job No:** 013812  
**Site Location:** 642 Allens Ave, Prov RI  
**Sampled By:** Mark Hall

**Date Received:** 9/1/95  
**Lab Job No:** 009127  
**Lab Case No:** 32067  
**Date Reported:** 10/18/95

| VOLATILE ORGANIC COMPOUNDS – VOC'S |                            |               |                |                      |               |                      |  |
|------------------------------------|----------------------------|---------------|----------------|----------------------|---------------|----------------------|--|
| Sample Number                      | Sample Identification      | Sample Matrix | Date Collected | Analytical Technique |               |                      |  |
| 32070                              | Sample Location - 1 (1100) | water         | 9/1/95         | GC/MS                |               |                      |  |
| Line Number                        | Compounds Analyzed         | Result (1)    | Units          | Detection Limit      | Date Analyzed | Method Reference (2) |  |
| 1                                  | Acetone                    | 24.           | µg/L           | 10.                  | 9/5/95        | EPA 824              |  |
| 2                                  | Benzene                    | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 3                                  | Bromoform                  | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 4                                  | Bromomethane               | BDL           | µg/L           | 20.                  | listed above  | EPA 824              |  |
| 5                                  | Carbon Disulfide           | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 6                                  | Carbon Tetrachloride       | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 7                                  | Chlorobenzene              | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 8                                  | Chloroethane               | BDL           | µg/L           | 20.                  | listed above  | EPA 824              |  |
| 9                                  | 2-Chloroethyl Vinyl Ether  | BDL           | µg/L           | 20.                  | listed above  | EPA 824              |  |
| 10                                 | Chloroform                 | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 11                                 | Chloromethane              | BDL           | µg/L           | 20.                  | listed above  | EPA 824              |  |
| 12                                 | Dibromochloromethane       | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 13                                 | Dichlorobromomethane       | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 14                                 | 1,2-Dichlorobenzene        | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 15                                 | 1,3-Dichlorobenzene        | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 16                                 | 1,4-Dichlorobenzene        | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 17                                 | 1,1-Dichloroethane         | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 18                                 | 1,2-Dichloroethane         | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 19                                 | 1,1-Dichloroethene         | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 20                                 | trans- 1,2-Dichloroethene  | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |
| 21                                 | 1,2-Dichloropropane        | BDL           | µg/L           | 5.0                  | listed above  | EPA 824              |  |

HYDROSAMPLE

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**REPORT OF ANALYSIS**

Job Name: Providence Gas  
 Client Job No: 013812  
 Site Location: 642 Allens Ave, Prov RI  
 Sampled By: Mark Hall

Date Received: 9/1/95  
 Lab Job No: 009127  
 Lab Case No: 32067  
 Date Reported: 10/18/95

| VOLATILE ORGANIC COMPOUNDS – VOC's |                                    |                       |                |                      |               |                                 |  |
|------------------------------------|------------------------------------|-----------------------|----------------|----------------------|---------------|---------------------------------|--|
| Sample Number                      | Sample Identification              | Sample Matrix         | Date Collected | Analytical Technique |               |                                 |  |
| 32070                              | Sample Location - 1 (1100)         | water                 | 9/1/95         | GC/MS                |               |                                 |  |
| Line Number                        | Compounds Analyzed                 | Result <sup>(1)</sup> | Units          | Detection Limit      | Date Analyzed | Method Reference <sup>(2)</sup> |  |
| 22                                 | c/s- 1,3-Dichloropropene           | BDL                   | µg/L           | 5.0                  | listed above  | EPA 824                         |  |
| 23                                 | trans- 1,3 Dichloropropene         | BDL                   | µg/L           | 5.0                  | listed above  | EPA 824                         |  |
| 24                                 | Ethyl Benzene                      | 1.0                   | µg/L           | 1.0                  | listed above  | EPA 824                         |  |
| 25                                 | 2-Hexanone                         | BDL                   | µg/L           | 50.                  | listed above  | EPA 824                         |  |
| 26                                 | Methyl Ethyl Ketone (MEK)          | BDL                   | µg/L           | 50.                  | listed above  | EPA 824                         |  |
| 27                                 | Methyl Isobutyl Ketone (MIBK)      | BDL                   | µg/L           | 50.                  | listed above  | EPA 824                         |  |
| 28                                 | Methyl Tertiary Butyl Ether (MTBE) | BDL                   | µg/L           | 5.0                  | listed above  | EPA 824                         |  |
| 29                                 | Methylene Chloride                 | BDL                   | µg/L           | 5.0                  | listed above  | EPA 824                         |  |
| 30                                 | Styrene                            | BDL                   | µg/L           | 5.0                  | listed above  | EPA 824                         |  |
| 31                                 | 1,1,2,2-Tetrachloroethane          | BDL                   | µg/L           | 5.0                  | listed above  | EPA 824                         |  |
| 32                                 | Tetrachloroethene                  | BDL                   | µg/L           | 5.0                  | listed above  | EPA 824                         |  |
| 33                                 | Toluene                            | BDL                   | µg/L           | 5.0                  | listed above  | EPA 824                         |  |
| 34                                 | 1,1,1-Trichloroethane              | BDL                   | µg/L           | 5.0                  | listed above  | EPA 824                         |  |
| 35                                 | 1,1,2-Trichloroethane              | BDL                   | µg/L           | 5.0                  | listed above  | EPA 824                         |  |
| 36                                 | Trichloroethene                    | BDL                   | µg/L           | 5.0                  | listed above  | EPA 824                         |  |
| 37                                 | Trichlorofluoromethane             | BDL                   | µg/L           | 5.0                  | listed above  | EPA 824                         |  |
| 38                                 | Vinyl Acetate                      | BDL                   | µg/L           | 50.                  | listed above  | EPA 824                         |  |
| 39                                 | Vinyl Chloride                     | BDL                   | µg/L           | 20.                  | listed above  | EPA 824                         |  |
| 40                                 | Xylenes, total (m+o+p)             | 14.                   | µg/L           | 5.0                  | listed above  | EPA 824                         |  |

<sup>(1)</sup> BDL - Below Detection Limit

<sup>(2)</sup> Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater EPA-600/4-82-057, July 1982.



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**REPORT OF ANALYSIS**

**Job Name:** Providence Gas  
**Client Job No:** 013812  
**Site Location:** 642 Allens Ave, Prov RI  
**Sampled By:** Mark Hall

**Date Received:** 9/1/95  
**Lab Job No:** 009127  
**Lab Case No:** 32067  
**Date Reported:** 10/18/95

| TOTAL FAT, OIL & GREASE - F.O.G. |                            |            |       |                 |               |                |               |                 |  |
|----------------------------------|----------------------------|------------|-------|-----------------|---------------|----------------|---------------|-----------------|--|
| Sample Number                    | Sample Identification      | Result (1) | Units | Detection Limit | Sample Matrix | Date Collected | Date Analyzed | Method Ref. (2) |  |
| 32068                            | Sample Location - 1 (735)  | 5.3        | mg/L  | 1.0             | water         | 9/1/95         | 9/7/95        | 413.1           |  |
| 32071                            | Sample Location - 1 (1100) | 4.4        | mg/L  | 1.0             | water         | 9/1/95         | 9/7/95        | 413.1           |  |

(1) BDL - Below Detection Limit

(2) Gravimetric Method of Detection. Methods for Chemical Analysis of Water and Wastewater, USEPA, 600/4-79-020.