

Hennen, Nancy

From: Hennen, Nancy
Sent: Monday, December 17, 2007 10:26 AM
To: Schafer, Craig
Subject: information on ER sites
Importance: High

#15380

Hi Craig

Following items I need that we discussed last week:

L#15380/Spill #59611 Prigge Residence, Fairfax

- Apex Environmental ER report/any additional information you have on your dealings with Trebelhorn Oil and/or their insurance company
- ER to PRP transfer sheet
- (I need this as soon as possible because nothing has been done on this file since 2003.)

L#16842 Craig Wilkening Property, Appleton

1-8-08 -Copy of the EBW

L#16848/Spill #70366 Tom Edmund's Property, New London

- Transfer from ER to PRP when appropriate
- All ER reports
- Close out and transfer work orders for cost recovery
- Prior to transfer to PRP, notify responsible party, Carolyn McVinuea, that state money has been spent and cost recovery will occur.

Thanks Craig,

Nancy

*Nancy Hennen Blomme
Pollution Control Project Leader
Minnesota Pollution Control Agency
1420 E College Drive Suite 900
Marshall, Minnesota 56258
Phone 507-537-6375
Facsimile 507-537-6001
Nancy.Hennen@pca.state.mn.us*

12/17/2007

Hennen, Nancy

From: Hennen, Nancy
Sent: Friday, September 05, 2003 11:47 AM
To: Schafer, Craig
Subject: LEAK 15380 Prigge Residence, Fairfax

Importance: High

Hi Mr Schafer

Can you give me the info you have on this site?

Thanks!

Nancy

*Nancy Hennen Blomme
Pollution Control Project Leader
Minnesota Pollution Control Agency
1420 E College Dr Ste 900
Marshall MN 56258
507/537-6375
507/537-6001 Facsimile
Nancy.Hennen@pca.state.mn.us*

Hennen, Nancy

From: VanPatten, Stacey
Sent: Monday, August 18, 2003 10:21 AM
To: Schafer, Craig
Cc: Hennen, Nancy
Subject: Prigge Residence

Hi-

I have a spill sheet for this site, and I am wondering if it will be getting a S#, or if I should just go ahead and assign a leak#? Please let me know any details so I can update the leaksite, and I will of course be assigning this one to Nancy once I hear fro you. Also, if you talk to the tank owner again, please let him know he should be receiving a letter soon indicating we need him to investigate the release.

Thanks-
Stacey

Preferred Id: 59611

Interest Name: Bruce Prigge

Interest Remarks

Date and Time Printed: 3/4/2008 11:23:43

8/14/03 Site Visit- CDS met Richard Tebelhorn at the site to discuss clean up options. Tebelhorn indicated that he intended to hire Apex Env. to do an initial investigation and to develop a remediation plan that will be submitted to CDS for review.

8/21/03 CDS visited Tebelhorn Oil's office in Winthrop. Discussed the intent to issue a citation for failure to report and respond related to the estimated 20 gallon overfill at the Prigge house in Fairfax. Also discussed the replacement of the AST due to the likelihood of pressurization during the overfill.

9/15/03 Recieved the Spill Investigation Report from Apex. The proposed actions are acceptable.

STATE OF MINNESOTA

Department of Public Safety - Division of Emergency Management
444 Cedar St. Suite 223 St. Paul, MN 55101

MINNESOTA DUTY OFFICER

HAZARDOUS MATERIAL INCIDENT REPORT: TANKS

Report #: _____ Report Date: 8-12-03 Report Time: _____ DO#: _____

Caller Information:

Name: Bruce Prigge

Company:

Address:

City:

Phone: 612-910-2059 Ext:

Alt. Phone: _____ Ext:

State:

Zip:

Responsible Party/Property Owner:

Name: Bruce Prigge

Company:

Address: 10 SE 4th St

City: Fairfax

Phone: _____ Ext:

Alt. Phone: _____ Ext:

State: MN

Zip: 55332

Site Location:

Site Name: Prigge Residence

Site Address: 10 SE 4th St

Site City: Fairfax

Site County: Pennington

Site Zip: 55332

Site Information:

Discovery Date: 1-1-03

Discovery Time:

Previously Reported Site?

Leak #:

Tank Information:

ENTERED AUG 22 2003

Native Soil Type

Surface Water Nearby?:

Monitoring Wells on Site?:

Site Water Source:

Contaminated Soil Excavated?

Quantity:

Able to dig out Contamination?

Ground Water Encountered?:

Depth to Ground Water:

Free Product Found?

Stained Soils?:

Petroleum Odors?:

Highest Vapor Reading

Analytical Results:

If this incident involves an A.S.T. is there secondary containment around the tank

Narrative: Caller, homeowner, discovered overflow of heat tank in spring (Dec or Jan) oil company was going to scoop out dirt, but hasn't yet. Oil Co is Trebleharne

59611 - Craig Schaffer, still in spell

ANY QUESTIONS PLEASE CONTACT THE MINNESOTA DUTY OFFICER AT 651-649-5451 OR 800-422-0798

MPCA Project Manager:

NA

Leak Number:

15380



Inbox

Folder List

- Outlook Tool
- /person
- ASTs
- Calendar
- Call refr
- rem
- Complain
- Contact
- Delete
- Drafts
- e-team
- Inbox
- Journal
- Notes
- Outbox
- Petro
- Read
- Reviews
- RRT
- ER
- Odd
- Suspected Tank
- TOW
- Transferred calls
- Sent Items
- Shower
- Student
- Tasks
- Public Folders

Spill Tracking

Preferred Id: 59611 Interest Name: Bruce Prigge

Composting Treatments

- Spill Track
- Spill Prevention
- Spill Actions
- Work Orders
- Land Treatments
- Thermal Treatments
- Misc. Soil Treatments

Spill Initial Information

Spill Reported By: [dropdown] Project Manager: Schafer, Craig [dropdown]
 Report By Override Desc: Bruce Prigge Phone: (612)910-2059
 Staff Taking Rpt: Schafer, Craig [dropdown] Duty Officer Took Rpt: Spill Date: 01/01/2003
 Reported Date: 08/12/2003 Spill Closure: [dropdown]
 Initial Cause: Human Error [dropdown] Site Closure Date: 00/00/0000
 Init. Cause Override Desc: [text] Archive Lot/Box: See File Tracking
 Initial Source: Truck/Vehicle Cargo [dropdown] MPCA Involvement: Significant [dropdown]

Incident Affected

Spill Incident Affected	Last Update
Soil [dropdown]	08/18/2003

Product Released

Spill Product	Quantity	Units	Accuracy
Light Fuel Oil and [dropdown]	30	Gallons [dropdown]	Estimated [dropdown]

Ready

- Newquist, Richard RE: butta
- Milless, Don RE: HI
- Jensen, Cathy It's not too late
- Kromar, Karen RE: Whirlpool
- Insook, Chai RE: Draft Fact Sheet Revisions
- Leppala, Steve 15185sl.DOC
- Mary Christoph... RE: Hi!
- job.info@state.... Thank you for creating/modifying your State of Minnesota job search ac
- Newquist, Richard Draft Fact Sheet Revisions
- Sommer, Christine Upcoming Training Events...
- Wenzel, Melissa RE: access
- Thompson, Ste... Rollout of draft factsheets for comments from staff
- lhogstad@ci.lin... Hi, I sent you an eCard from BlueMountain.com

136 Items, 3 Unread

STATE OF MINNESOTA

Department of Public Safety - Division of Emergency Management
444 Cedar St. Suite 223 St. Paul, MN 55101

MINNESOTA DUTY OFFICER

Report #: 52210 Report Date: 8/12/2003 Report Time: 9:52 DO#: 32

CALLER INFORMATION

Contact: Bruce Prigge Company: Citizen
Address: City: State: Zip:
Phone: (612) 910-2059 Ext: Alt phone: Ext:
Have local police and/or fire been notified?

NARRATIVE

Caller discovered an overfill of his heating oil tank this spring, the overfill occurred sometime in December or January. Caller had contacted the RP who told him they would be out to scoop up the dirt, the RP has yet to take any action. Caller has been in contact with Craig Schafer (MPCA), Craig is contacting the RP today.

INCIDENT REPORT: SPILLS

RESPONSIBLE PARTY/PROPERTY OWNER

Contact: Company: Wies Oil
Address: City: Fairfax State: MN Zip:
Phone: Ext: Alt phone: Ext:

SPILL INFORMATION

Material: HEATING OIL Quantity: 50-60 gallons
Incident date: 1/1/2003 Time: 0:00 Is the spill ongoing? No

SPILL LOCATION

Name: ~~Residence~~ Prigge Residence
Address: 10 SE 4th St
City: FAIRFAX County: RENVILLE Township:
Released to: Soil Spill area: Residential
Have any sewers been impacted? no Surface waters impacted? no
If A.S.T. is involved, is there secondary containment around the tank? Type:
Kind of spill: SPILL/RELEASE Has the material escaped the location property? No
Has the released material been contained? Yes Is this a SARA Title, Section 304 release No
Is a CAT/ERT being requested? No

ANY QUESTIONS - PLEASE CONTACT THE MN DUTY OFFICER AT 651-649-5451 OR 800-422-0798

Notifications

Report #: 52210 **ReportDate:** 8/12/2003 **ReportTime:** 9:52 **DO:** 32

In:	Out:	Link:	Date:	Time:	Agency:	County:	Method of Contact:
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8/12/2003	10:01	MPCA Metro		Fax
Narrative:							
In:	Out:	Link:	Date:	Time:	Agency:	County:	Method of Contact:
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8/12/2003	10:01	MPCA Region 4		Fax
Narrative:							
In:	Out:	Link:	Date:	Time:	Agency:	County:	Method of Contact:
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8/12/2003	10:01		RENVILLE	Fax
Narrative:							



Minnesota Pollution Control Agency
Marshall Office

March 7, 2008

Mr. Bob Treblehorn
Treblehorn's & Assoc.
313 North Redwood Street
Winthrop, Minnesota 55396

RE: Petroleum Tank Release Site File Closure
Site: Former Prigge Residence, 10 SE 4th Street, Fairfax
Site ID#: LEAK00015380

Dear Mr. Treblehorn:

We are pleased to let you know that the Minnesota Pollution Control Agency (MPCA) staff has determined that your investigation and/or cleanup has adequately addressed the petroleum tank release at the site listed above. Based on the information provided, the MPCA staff has closed the release site file.

Closure of the file means that the MPCA staff does not require any additional investigation and/or cleanup work at this time or in the foreseeable future. Please be aware that file closure does not necessarily mean that all petroleum contamination has been removed from this site. However, the MPCA staff has concluded that any remaining contamination, if present, does not appear to pose a threat to public health or the environment under current conditions.

The MPCA reserves the right to reopen this file and to require additional investigation and/or cleanup work if new information, changing regulatory requirements or changed land use make additional work necessary. If you or other parties discover additional contamination (either petroleum or nonpetroleum) that was not previously reported to the MPCA, Minnesota law requires that the MPCA be immediately notified.

You should understand that this letter does not release any party from liability for the petroleum contamination under Minn. Stat. ch. 115C (2006) or any other applicable state or federal law. In addition, this letter does not release any party from liability for nonpetroleum contamination, if present, under Minn. Stat. ch. 115B (2006), the Minnesota Superfund Law.

If future development of this property or the surrounding area is planned, it should be assumed that petroleum contamination may still be present. If petroleum contamination is encountered during future development work, the MPCA staff should be notified immediately.





March 7, 2008

Mr. Bob Treblehorn
113 North Katwood Street
Walling, Minnesota 55796

Mr. John Case, Fairfax Fire Chief
1028 4th Street, Fairfax
Fairfax, Virginia 22030

Dear Mr. Treblehorn:

file

Closure log

Mr. Jeff Vosburgh, Apex

Mr. Jerry Erickson, Apex

Mr. Mark Erickson, Renville County

Mr. John Case, Fairfax Fire Chief

cc: Ms. Marcia Seibert-Volz, Fairfax City Clerk

NHB:svdw

Remediation Division

Marshall Office

Project Leader

Nancy Hennen Blomme

Sincerely,

If you have any questions regarding this letter, please call me at 507-537-6375.

review.

For specific information regarding petroleum contamination that may remain at this leak site, please call the Petroleum Remediation File Request Program at 651-297-8499. The MPCA form *Request to Bill for Services Performed* must be completed prior to arranging a time for file

March 7, 2008

Page Two

Mr. Bob Treblehorn





Renville County

DIVISION OF ENVIRONMENT
AND COMMUNITY DEVELOPMENT

Renville County Office Building
410 East DePue Ave., Room 311
Olivia, MN 56277

September 3, 2003

Mr. Bruce Prigge
Residence
10 SE Fourth Street
Fairfax, MN 55332

Dear Mr. Prigge:

The Renville County Division of Environment and Community Development has recently been copied on a letter sent to you by the Minnesota Pollution Control Agency concerning a suspected petroleum release. The letter states the need to investigate and properly cleanup the suspected release.

Since the cleanup and disposal efforts may involve a desire by yourself or your appointed agent to land-apply petroleum contaminated soils, I would like to take this opportunity to inform you of Renville County's requirement of receiving permission to land-apply petroleum contaminated soils within Renville County. If land-application is proposed, please contact me at 320-523-3664 so that we can discuss the proposal. Thank you for your attention to this matter.

Sincerely,

Eric Van Dyken
Environmental Officer

cc: Nancy Hennen, MPCA Project Manager



Minnesota Pollution Control Agency

August 28, 2003

Mr. Bruce Prigge
Residence
10 SE Fourth Street
Fairfax, MN 55332

RE: Petroleum Storage Tank Release Investigation and Corrective Action
Site: Prigge Residence, 10 SE Fourth Street, Fairfax, 55332, Renville
Site ID#: LEAK000015380

Dear Mr. Prigge:

The Leaking Underground Storage Tank Program at the Minnesota Pollution Control Agency (MPCA) has been informed that there has been a release of petroleum from a storage tank that you own and/or operate. This program was developed to provide assistance as you investigate and, if necessary, clean up your petroleum release. We appreciate your prompt notification so we can provide guidance to you in dealing with your release as quickly and efficiently as possible.

Federal and state laws require that persons legally responsible for storage tank releases notify the MPCA of the release, investigate the extent of the release and take any necessary actions to clean up the release. A person is generally considered legally responsible for a tank release if the person owned or operated the tank either during or after the release.

MPCA staff is requesting you to take steps to investigate and if necessary, clean up the release in accordance with the enclosed MPCA fact sheets. The first step is a site investigation to define the extent and magnitude of the soil and/or ground water contamination. We recommend that you hire a qualified environmental consulting firm which has experience in conducting petroleum release site investigations and site cleanups.

Please be aware that MPCA staff do not conduct the investigation or cleanup at your property. MPCA staff provide guidance and technical assistance during the project and review the reports submitted by your consultant. However, we urge you to contact us whenever you have a question or concern regarding your project.

The legislature established the Petroleum Tank Release Compensation Fund (Petrofund) to reimburse responsible persons and volunteers who take corrective action for a portion of their costs. The Petrofund is administered by the Petroleum Tank Release Compensation Board (Petro Board), which is part of the Minnesota Department of Commerce. To learn more about the Petrofund reimbursement program and the responsibilities of an eligible applicant, please contact Petrofund staff at 651-215-1775 or 1-800-638-0418 (in greater Minnesota only). We strongly encourage you to familiarize yourself with the enclosed proposal and invoice forms and the other program requirements in order to maximize the available reimbursement (Please note that final decisions regarding the amount of reimbursement are made by the Petro Board).

The environmental consulting firm you hire to work on the petroleum tank release must be registered with the Petro Board. Also, you must get a minimum of two written competitive consultant proposals on a form prescribed by the Petro Board. A minimum of two written competitive contractor bids must also be obtained for each contractor service. We encourage you to contact Petrofund staff for answers to all of your questions about bidding and the other Petrofund reimbursement program requirements.



August 28, 2003

Mr. Bruce Frigge

Enclosures

cc: Marcia Pelzel, city Clerk, Fairfax
Jerry Pelzel, Fire Chief, Fairfax
Diane Mitchell, Renville County Solid Waste Officer

Enclosures

NH:ais

Project Manager
Petroleum Remediation Unit
Petroleum and Landfill Remediation Section
Majors and Remediation Division

C. Sandberg

Sincerely,

Thank you.

A packet of fact sheets is enclosed for your information. If you have questions, please contact me at 651-296-7824. In addition, all future correspondence should be addressed to me. If you are calling long distance, you may reach the MPCA by calling 1-800-657-3864.

If you conclude that the release in question is not from any tank which you have owned or operated, or if you conclude that you do not meet the definition of a "legally responsible person," please notify the MPCA immediately and explain the basis of your conclusion.

Please contact me within 30 days of receipt of this letter if you intend to proceed with the requested work. If you do not proceed with the work, the MPCA Commissioner may order you to take corrective action at the site. Failure to cooperate with the MPCA in a timely manner may result in reduced reimbursement from the Petro Board.

The MPCA also requests you file a claim with your insurance company and that the MPCA be copied on all insurance correspondence.

August 28, 2003

Page 2

Mr. Bruce Frigge

RECEIVED
JAN 09 2004



January 8, 2004

Mr. Craig Schaefer
MPCA, Project Manager
Market Street Mall, Suite 900
1420 East College Drive
Marshall, Minnesota 56258

Received:
Southwest Regional
Office - MPCA - Marshall

Subject: Fuel oil impacted soil removal excavation report review:

Janelle Priggie Residence
10 4th Street SE
Fairfax, MN 55332
MPCA Site ID#: LEAK600

Received: MAR 06 2008
Southwest Regional
Office - MPCA - Marshall

Dear Mr. Schaefer;

APEX ENVIRONMENTAL, INC. (APEX) is pleased to submit to you that the MPCA required draft excavation report included with this letter. Please review the report and give me a call with any questions you may have.

In the report we have recommended closure of the site because the fuel oil impacted soils were removed.

APEX appreciated the opportunity to work with you; and would be pleased to answer any questions you might have. Please call us at (507) 340-1113.

Sincerely,

APEX ENVIRONMENTAL, INC.

Jerald E. Erickson
Project Manager

Apex Environmental Inc., 96 Cedar Lane, Madison Lake, Mn 56063 (507) 340-1113



Leaking Petroleum Storage Tanks

Minnesota Pollution Control Agency

http://www.pca.state.mn.us/programs/lust_p.html

EXCAVATION REPORT WORKSHEET FOR PETROLEUM RELEASE SITES

Fact Sheet #3.7

Complete the information below to document excavation and treatment of petroleum contaminated soil. Conduct excavations in accordance with fact sheet #3.6 *Excavation of Petroleum Contaminated Soil During Tank Removal*. Please attach any available preliminary site investigation reports to this excavation report, and attach additional pages if necessary. Please type or print clearly. Do not revise or delete text or questions from this report form. The excavation worksheet deadline is 10 months from the date of receipt of the MPCA "Petroleum Storage Tank Release Investigation and Corrective Action" letter. MPCA staff may establish a shorter deadline for high priority sites.

PART I: BACKGROUND

A. Site: **Janelle Priggie Residence**
Street: **10 4th Street SE**
City, Zip: **Fairfax, MN 55332**
MPCA Site ID#: **LEAK000**
County: **Renville**
Latitude Longitude
Circle one: UTM / State

B. Tank Owner: **Mr. Bob Treblehorn**
Mailing Address: **Treblehorn's & Assoc.**
Street/Box: **313 N Redwood St**
City, Zip: **Winthrop, MN 55396**
Telephone: **(507) 647-2323**

C. Excavating Contractor: **Firle Backhoe**

Contact: **Mr. Firle**
Telephone: **507-426-7420**
Tank Contractor Certification No.

D. Consultant: **Apex Environmental Inc.**
Contact: **Mr. Jerald E. Erickson**
Street/Box: **96 Cedar Lane**
City, Zip: **Madison Lake, Mn 56063**
Telephone: **(507) 340-1113**

E. Others on-site during site work (e.g., fire marshal, local officials, MPCA staff, etc.):

Note: If person other than tank owner and/or operator is conducting the cleanup, provide name, address, and relationship to site on a separate attached sheet.

PART II: DATES

A. Date release reported to MPCA:

B. Dates site work performed (tanks removed, piping removed, soil excavation, soil borings:

Removal of a 12 cubic yards of fuel oil impacted soil. Work Performed Oct 16, 2003 Date

PART III: SITE AND RELEASE INFORMATION

A. Describe the land use and pertinent geographic features within 1,000 feet of the site.
 (i.e. residential property, industrial, wetlands, etc.)

The site is along the State Highway 19/ Lincoln Avenue in the city of Fairfax, MN. The area is residential / commercial.

B. Provide the following information for all tanks removed and any remaining at the site: Table 1.

Tank #	UST or AST	Capacity (gallons)	Contents (product type)	Year installed	Status*	Condition of Tank
001	AST	235	Fuel oil	?	Basement Tank	good

*Indicate: removed (date), abandoned in place (date), or currently used

Notes:

C. Describe the location and status of the other components of the tank system(s), (i.e., piping and Dispensers) for those tanks listed above. Piping to outside.

D. Identify and describe the source or suspected source(s) of the release and how the Release was discovered. Spill / overfill, during tank filling.

E. What was the volume of the release? (if known): Unknown gallons

F. When did the release occur? (if known): Unknown

G. Describe source of on-site drinking water. City Water Wells

PART IV: EXCAVATION INFORMATION

- A. Dimensions of UST excavation(s): Length 15' Width 10' Depth 2-3'
- B. Original tank backfill material (sand, gravel, etc.): clay
- C. Native soil type (clay, sand, etc.): clay
- D. Quantity of contaminated soil removed for treatment (cubic yards): 9 cubic yards

— 12 yds³ in
page 2.

[Note: If the volume removed is more than allowed in Fact Sheet 3.6 *Excavation of Petroleum Contaminated Soil During Tank Removal*, please document MPCA staff approval.]

- E. Were new tanks and/or piping and dispensers installed? yes no If yes, what volume of contaminated soil was excavated to accommodate the installation of the new tanks and piping?
- F. If contaminated soil was removed to accommodate the installation of new tanks and/or piping, show your calculations for the amount of soil removal allowed using Table 6.2 in Fact Sheet 3.6 *Excavation of Petroleum Contaminated Soil During Tank Removal*.
- G. Was ground water encountered or a suspected perched water layer or was there evidence of a seasonally high ground water table (i.e. mottling)? yes no At what depth? none
- H. If ground water was not encountered during the excavation, what is the expected depth of ground water? 15' BGL
- I. Additional investigation is necessary at sites that have visual or other evidence of contamination remaining in the suspected source area, with sandy or silty sand soil [Unified Soil Classification System/American Society for Testing Materials] and where the water table is within 25 feet of the ground surface. See fact sheet #3.6 *Excavation of Petroleum Contaminated Soil*, Part VI Additional Investigation. If a soil boring is necessary, describe the soil screening and analytical results. Attach the boring logs and laboratory results to this report.
- J. If no soil boring was performed, explain. Over excavation removed impacted soil.
- K. If ground water was encountered or if a soil boring was conducted, was there evidence of ground water contamination? (**No**) Describe this evidence of contamination, e.g., free product (specify thickness), product sheen, ground water in contact with petroleum contaminated soil, water analytical results, etc. Note: If you observe free product, contact MPCA staff immediately, as outlined in fact sheet 3.3 *Free Product: Evaluation and Recovery*.
- L. Was bedrock encountered in the excavation? yes no At what depth? None
- M. Were other unique conditions associated with this site? yes no If so, explain.

PART V: SAMPLING INFORMATION

A. Briefly describe the field screening methods used to distinguish contaminated from uncontaminated soil: **Soil samples were collected from designated points within the excavation. The soil samples were collected from the excavation by a backhoe bucket. A grab soil sample was collected from the middle of the soil contained in the backhoe bucket. The soil sample was then immediately placed into a container and sealed for headspace screening analysis. The soil was screened with a photoionization device (PID). The maximum PID values detected were recorded in a field log corresponding to the sample location. Headspace measurements were completed following Minnesota Pollution Control Agency guidance (May 2000). The PID used was an organic vapor monitor (OVM) photo ionization detector equipped with a 10.2 eV lamp. This instrument was calibrated at the beginning of the day, using ambient air as a zero gas and 100 parts per million (ppm) isobutylene in air as the calibration gas. This calibration procedure was followed to allow direct readings of benzene (in ppm on a volume basis).**

B. List soil vapor headspace analysis results collected during excavation of tanks, lines and dispensers. Indicate all sampling locations using sample codes (with sampling depths in parentheses), e.g. R-1 (2 feet), R-2 (10 feet), etc. "R" stands for "removed." Samples collected at different depths at the same location should be labeled R-1A (2 feet), R-1B (4 feet), R-1C (6 feet), etc. Similarly, if the sample was collected from the sidewall or bottom after excavation was complete, label it S-1 (for sidewall) or B-1 (for "bottom"). Indicate the depth of sample collection. Be sure the sample codes correspond with the site map in part VI, below.

Tank Excavation Headspace Results

Sample Code	Soil Type	Reading ppm	Sample Code	Soil Type	Reading ppm
R1-1'	clay	50	S1-2'	clay	0
R1-1.5'	clay	7	S2-2'	clay	0
B1-2'	clay	0	S3-2'	clay	0
			S4-2'	clay	0
R2-1'	clay	190			
R2-2'	clay	15			
B2-3'	clay	3			

C. Was the "removed soil" placed back into the excavation basin? yes no
 If no, please complete Part VIII: Soil Treatment Information section. If yes, a Limited Site Investigation is necessary (see fact sheet 3.19, *Soil and Ground Water Investigations Performed During Remedial Investigations*).

D. Briefly describe the soil analytical sampling and handling procedures used:
Soil samples for laboratory analysis were collected using a "grab" method and represent samples from the designated soil interval. The soil samples were collected by Apex. The samples were collected by "grabbing" a soil sample from the backhoe bucket while wearing single-use latex gloves. The soil samples were immediately packed into an appropriate soil sample jar. The sample jars were prepared and received from the laboratory prior to starting the field activities. The single-use gloves were discarded and replaced with new gloves after each sample was obtained. The sample jars were sealed, labeled, and immediately placed on ice in a cooler chest. Chain of custody and sampling documentation were kept for the samples submitted for laboratory analysis. The chain of custody form accompanied these samples at all times. The sampling documentation was kept in the field file. Once completed, the chain of custody documentation was sealed in the cooler for delivery to the laboratory. The sampling documentation was given to the Apex project manager for inclusion in the site file. Upon receipt of the samples, the laboratory completed the chain of custody and returned the documentation with the final laboratory report. The final report was sent to the Apex project manager.

E. List below all soil sample analytical results from bottom and side wall samples collected after excavation of tanks, lines and dispensers (i.e., soils left in place when excavation is complete). Code the samples with sampling depths in parentheses as follows: sidewall samples S-1 (8 feet), S-2 (4 feet), etc.; bottom samples B-1 (13 feet), B-2 (14 feet), stockpile samples SP-1, etc. Be sure the sample codes correspond to the site map required in part VI. Do not include analyses from the stockpiled soil.

SOIL SAMPLE ANALYTICAL RESULTS

Sample Code	THC as DRO / GRO mg/kg	Benzene mg/kg	Ethyl-benzene mg/kg	Toluene mg/kg	Xylene mg/kg	MTBE mg/kg	Lead mg/kg
BS -1-3'	BDL-DRO	BDL	BDL	BDL	0.054	BDL	-
BS -2-2'	BDL-DRO	BDL	BDL	BDL	0.130	BDL	-

WS = Water Sample, BS = Bottom Sample, SS = Side Wall Sample, TTS = Test Trench Sample, SPS = Soil Pile Sample, BDL = Below Detectable Limits

Note: Attach copies of laboratory reports and chain of custody forms.

PART VI: FIGURES

Attach the following figures to this report: 1. Site location map. 2. Site map(s) drawn to scale illustrating the following: Location (or former location) of all present and former tanks, piping, and dispensers; Location of other structures (buildings, canopies, etc.); Adjacent city, township, or county roadways; Final extent and depth of excavation; Location of soil screening samples (e.g. R-1), soil analytical samples (e.g., S-1 or B-1), and any soil borings (e.g., SB-1). Also, attach all boring logs. North arrow, bar scale and map legend. Provide location of any on-site water wells. If on-site water wells exist, please provide well logs and/or construction diagrams. Locations of new tanks, piping and dispensers, if installed.

PART VII: SUMMARY

Briefly summarize evidence indicating whether additional investigation is necessary at the site, as discussed in parts VI and VII of fact sheet 3.6 *Excavation of Petroleum Contaminated Soil During Tank Removal*. If no further action is necessary, the MPCA staff will review this report following notification of soil treatment.

Fuel oil impacted soil was over excavated under the fill pipe for a basement fuel oil tank. Nine cubic yards of impacted soil were removed and hauled to the Klingler land application site for thin spreading. The excavation basin bottom samples at 2-3 feet below the surface were below detection limits. Per MPCA guidelines we recommended closure of the site.

PART VIII: SOIL TREATMENT INFORMATION

- A. Soil treatment method used (thermal, land application, composting, other). If you choose "other" specify treatment method: Klingler Farms land application site -Thin Spread.
- B. Location of treatment site/facility: RR#3, Klossner Mn
- C. Date MPCA approved soil treatment (if thermal treatment was used after May 1, 1991, indicate date that the MPCA permitted thermal treatment facility agreed to accept soil):
- D. Identify the location of stockpiled contaminated soil: none

PART IX: CONSULTANT (OR OTHER) PREPARING THIS REPORT

By signing this document, I/we acknowledge that we are submitting this document on behalf of and as agents of the responsible person or volunteer for this leak site. I/we acknowledge that if information in this document is inaccurate or incomplete, it will delay the completion of remediation and may harm the environment and may result in reduction of reimbursement awards. In addition, I/we acknowledge on behalf of the responsible person or volunteer for this leak site that if this document is determined to contain a false material statement, representation, or certification, or if it omits material information, the responsible person or volunteer may be found to be in violation of Minn. Stat. § 115.075 (1994) or Minn. 7000.0300 (Duty of Candor), and that the responsible person or volunteer may be liable for civil penalties.

Name and Title:

Signature:

Date signed:

Jerald Erickson, Project Manager



1-8-04

Company: **Apex Environmental Inc.**
Street/Box: **96 Cedar Lane**
City, Zip: **Madison Lake, Mn 56063**
Telephone: **507-340-1113**
Fax: **507-243-3277**

If additional investigation is not necessary, please mail this form and all necessary attachments to the MPCA project manager:

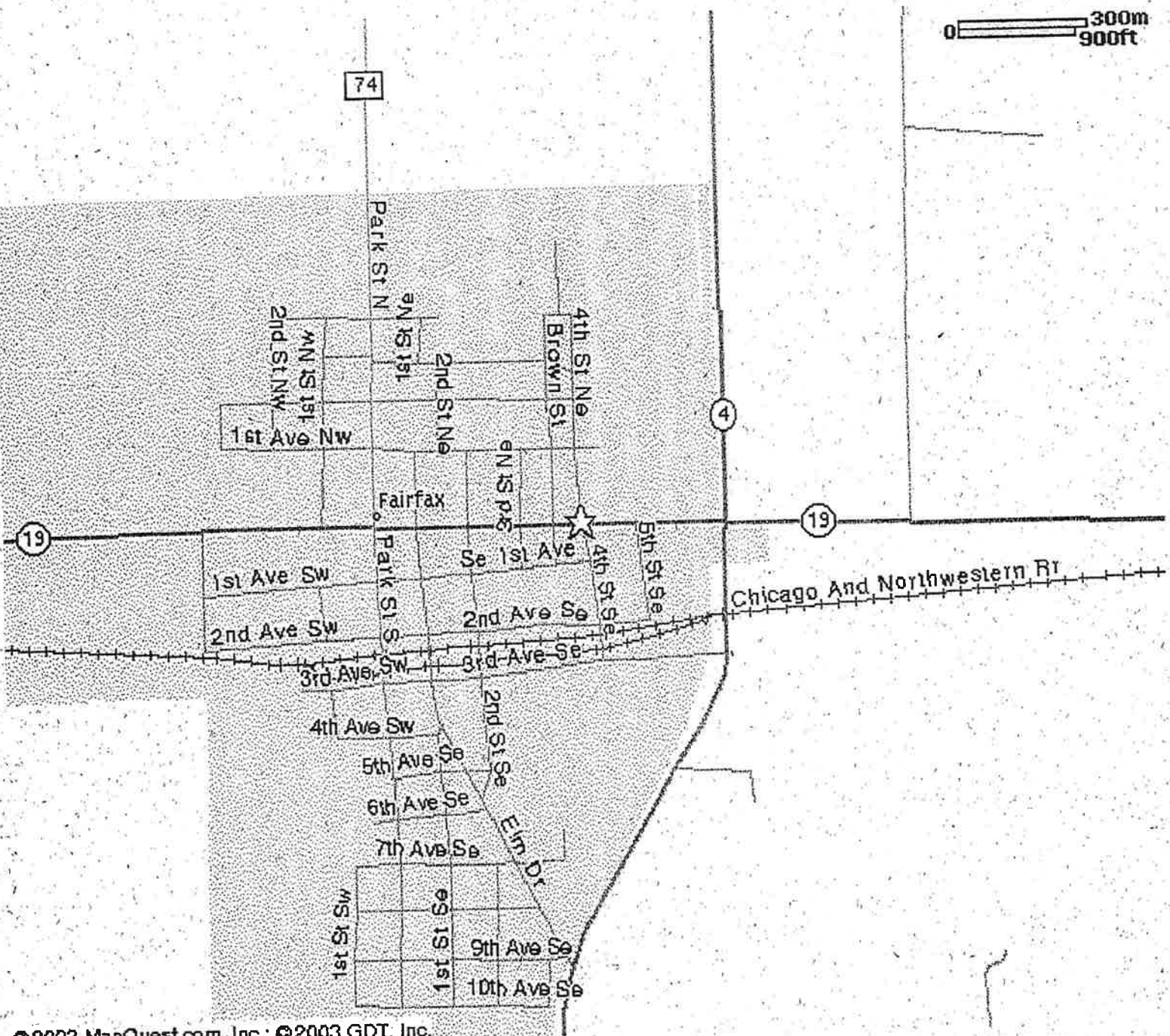
Mr. Craig Schaefer
Minnesota Pollution Control Agency
1420 East College Drive Suite 900
Marshal, Minnesota 56258

If additional investigation is necessary, include this form as an appendix to Fact Sheet 3.24 *Investigation Report Form*. MPCA staff will not review excavation reports indicating a limited site investigation is necessary unless the limited site investigation has been completed.

Web pages and phone numbers

MPCA staff	http://data.pca.state.mn.us/pca/emplsearch.html
MPCA toll free	1-800-657-3864
LUST web page	http://www.pca.state.mn.us/programs/lust_p.html
MPCA Infor. Request	http://www.pca.state.mn.us/about/inforequest.html
MPCA VPIC program	http://www.pca.state.mn.us/programs/vpic_p.html
PetroFund Web Page	http://www.commerce.state.mn.us/mainpf.htm
PetroFund Phone	651-297-1119, or 1-800-638-0418
State Duty Officer	651-649-5451 or 1-800-422-0798

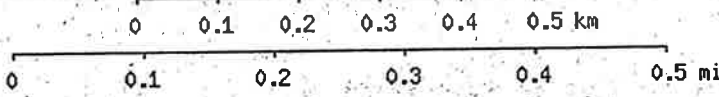
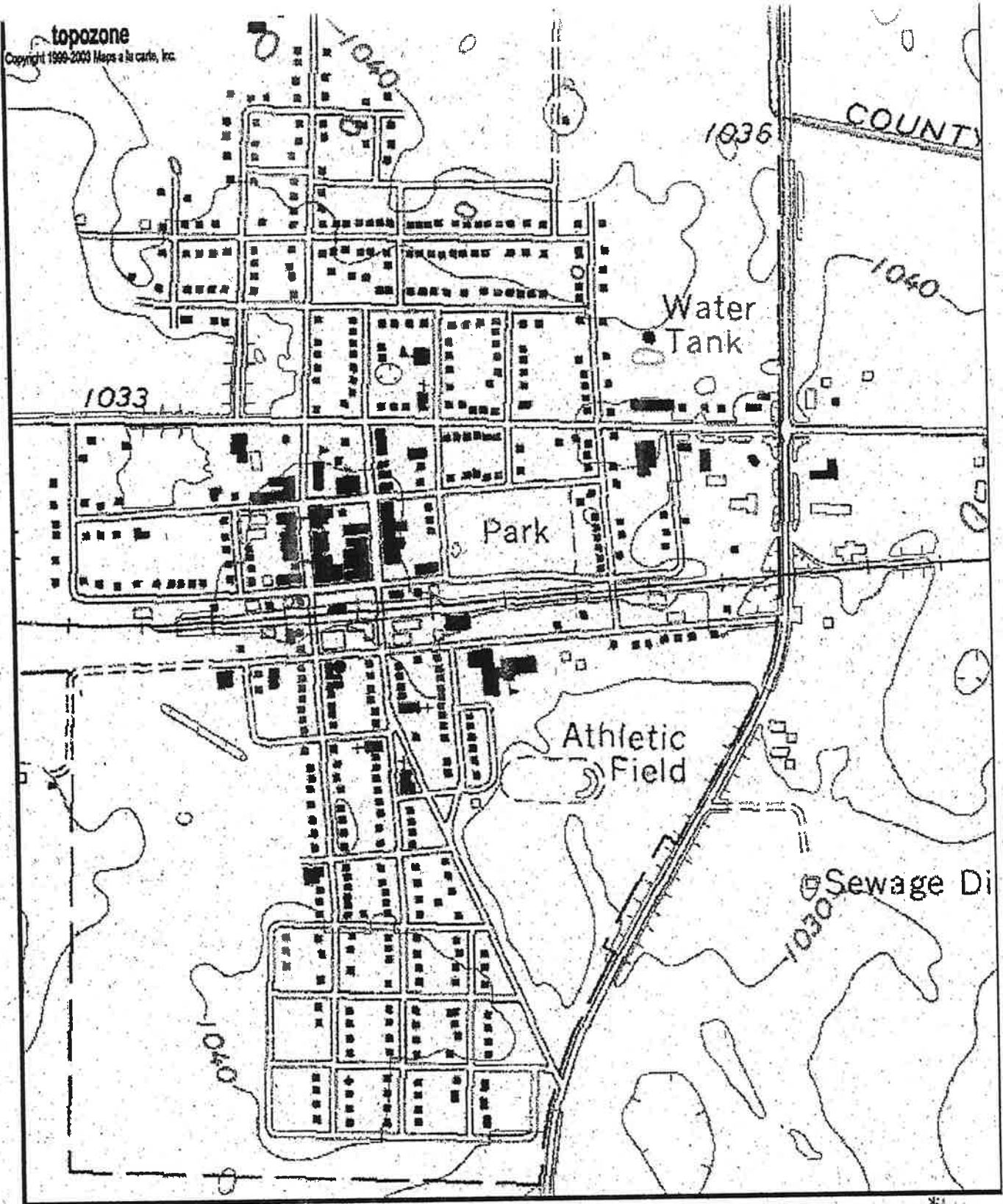
0 300m
900ft



©2003 MapQuest.com, Inc.; ©2003 GDT, Inc.

Project: Janelle Priggie Residence 10 4 th Street SE Fairfax, MN 55332	Subject: Area Street Map
	Date: 10-16-03
MPCA LEAK :	Apex Project: 3E41 Draw: JE Scale: 1" = 800

topozone
Copyright 1999-2003 Maps a la carte, Inc.



Map center is UTM 15 363600E 4931773N (WGS84/NAD83)
Fairfax quadrangle - TopoZone Pro elevation display
Projection is UTM Zone 15 NAD83 Datum

M=2.912

Project: Janelle Priggie Residence 10 4 th Street SE Fairfax, MN 55332	Subject: City Map
	Date: 10-16-03
Apex Project: 3E41	

Water Main

Highway 19
Lincoln Avenue

Telephone

Electrical

Fourth Street SE

S1

Fuel oil
spill area

S4

R2

R1

S2

BS1-3'-BDL ppm DRO

BS2-2'-BDL DRO

S3

basement tank

Priggie Residence

Property Line

North



Project: Janelle Priggie Residence
10 4th Street SE
Fairfax, MN 55332

Subject: Tank Excavation Map

Date: 10-16-03

Apex Project: 3E41

MPCA LEAK :

Drawn: JE

Scale: 1" = 20'



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Mt. Juliet, TN 37122
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1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

October 22, 2003

Mr. Jerry Erickson
Apex Environmental Inc - Madison La
96 Cedar Lane
Madison Lake, MN 56063

ESC Sample # : L131705-01

Date Received : October 18, 2003
Description : 3E41-Priggi-Gairfax, MN

Site ID :

Sample ID : 3E41-1 3FT

Project # : 3E41

Collected By : Jerry Erickson
Collection Date : 10/16/03 11:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	81.5		%	2540G	10/21/03	1
PVOCGRO						
Benzene	BDL	0.026	mg/kg	8021	10/15/03	42.25
Toluene	BDL	0.26	mg/kg	8021	10/15/03	42.25
Ethylbenzene	BDL	0.026	mg/kg	8021	10/15/03	42.25
m&p-Xylene	BDL	0.052	mg/kg	8021	10/15/03	42.25
o-Xylene	0.13	0.026	mg/kg	8021	10/15/03	42.25
Methyl tert-butyl ether	BDL	0.052	mg/kg	8021	10/15/03	42.25
Surrogate Recovery (70-130) 2,5-Dibromotoluene	96.		% Rec.	8021	10/15/03	1
WI DRO	BDL	12.	mg/kg	8015M	10/22/03	1
Surrogate Recovery (50-150) Triacontane	86.		% Rec.	8015M	10/22/03	1

Tom Mellette, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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REPORT OF ANALYSIS

October 22, 2003

Mr. Jerry Erickson
Apex Environmental Inc - Madison La
96 Cedar Lane
Madison Lake, MN 56063

ESC Sample # : L131705-02

Date Received : October 18, 2003
Description : 3E41-Priggi-Gairfax, MN

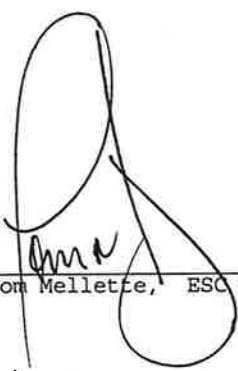
Site ID :

Sample ID : 3E41-2 2FT

Project # : 3E41

Collected By : Jerry Erickson
Collection Date : 10/16/03 11:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	81.9		%	2540G	10/21/03	1
PVOCGRO						
Benzene	BDL	0.027	mg/kg	8021	10/15/03	44.71
Toluene	BDL	0.27	mg/kg	8021	10/15/03	44.71
Ethylbenzene	BDL	0.027	mg/kg	8021	10/15/03	44.71
m&p-Xylene	BDL	0.054	mg/kg	8021	10/15/03	44.71
o-Xylene	0.054	0.027	mg/kg	8021	10/15/03	44.71
Methyl tert-butyl ether	BDL	0.054	mg/kg	8021	10/15/03	44.71
Surrogate Recovery (70-130) 2,5-Dibromotoluene	100		% Rec.	8021	10/15/03	1
WI DRO	BDL	12.	mg/kg	8015M	10/22/03	1
Surrogate Recovery (50-150) Triacantane	82.		% Rec.	8015M	10/22/03	1



Tom Mellette, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Prepared by:

ENVIRONMENTAL SCIENCE CORP.

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Mt. Juliet, TN 37122

Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Analysis/Container/Preservative

CoCode (lab use only)
Template/PrologIn
Shipped Via

Remarks/Contaminant

Sample # (lab only)

West side 1131705-01
East side 02

pH Temp Other OK

Alternate billing information:

Apex Environmental Inc
96 Cedar Lane
Maplewood Lake, MN 56063

Report to:
Email to:

Jerry Erickson

City/State Collected

ESC Key:

Project Description: 3E41-Brigg - Fairfax, MN

Phone: 507 340-1113

FAX: 507 243 3297

Client Project #: 3E41

P.O.#:

Site/Facility ID#:

Collected by: Jerry E

J Erickson

Collected by (signature):

Rush? (Lab MUST Be Notified)

Same Day.....200%
Next Day.....100%
Two Day.....50%

Date Results Needed:

Email? No Yes
FAX? No Yes

No. of Cntrs

1

Date

Time

Depth

Matrix*

Comp/Grab

Sample ID

23

10-16-03

11:30

3'

Soil

GRAB

3E41-1-B'

23

10-16-03

11:45

2'

Soil

GRAB

3E41-2-2'

DRD
BETX, MTRF

*Matrix SS - Soil/Solid GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other

Remarks:

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Received by: (Signature)

Received by: (Signature)

Received for lab by: (Signature)

Date:

Date:

Date:

Time:

Time:

Time:

Samples returned via: UPS Courier

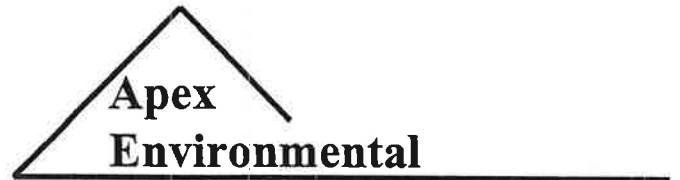
Temp: 15.7°C Bottles Received: 11 X 6

Date: 10/18/03 Time: 1030

Condition: (lab use only)

pH Checked: NCF

37M
10/18/03
1030
OK



September 8, 2003

Mr. Craig Schafer
Minnesota Pollution Control Agency
1420 East College Drive – Suite 900
Marshall, Minnesota 56258

Received: MAR 06 2008
Southwest Regional
Office - MPCA - Marshall

Subject: **Spill Investigation Letter**
Residential Property-10 4th Street SE, Fairfax, MN

Dear Mr. Treblehorn:

I have completed the spill investigation as requested at the above referenced site. Enclosed please find a copy of our investigation including a site map, analytical reports and a brief explanation of the work completed.

On August 15, 2003 we visited the site to advance several shallow test holes around a spill area at the above site in Fairfax, Minnesota. We were investigating a spill thought to be five gallons in quantity, which occurred in January of 2003. Evidence of the spill was observed in the form of dead grass on the north side of the house at the site (Figure 1). The spilled product was released on ice, which had fallen from the roof over frozen ground. Upon melting in the spring the product apparently migrated down a slope towards Highway 4. The elevation of the highway is approximately 36" lower than the area where the spill occurred. The first test hole (BS-1) was advanced in the center of the spill area and soil samples were collected from the highest vapor reading of 38 ppm at six inches in depth. Another sample was collected at 18 inches where no petroleum odors or positive headspace readings were encountered. Test holes two and three were advanced on the perimeter of the spill area to characterize the horizontal extent. The remaining test holes were advanced to determine the horizontal and vertical extent around the spill area. None of the headspace readings exceeded 38 ppm and most were below detection limits.

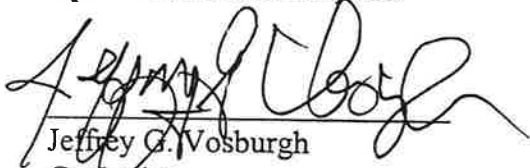
Handwritten note: Hwy 19

Upon receipt of the analytical report, we were surprised by the magnitude of the results based on the field indicators. As an example BS-2, the headspace reading measured 1.2 ppm and the analytical result although absent of BETX readings above the detection limits indicates a DRO of 3,700 ppm. Additionally, the sample collected at BS-1 at eighteen inches was below detection on the field meter but the laboratory indicates a DRO concentration of 220 ppm. Please note that our field meter was calibrated at the start of our investigation at the site and no visual staining or olfactory indicators supported the concentrations noted. Analytical results from samples collected show the magnitude of the impacts in the worst case probe at 13,000 ppm for the DRO at six inches in depth in BS-1. At eighteen inches in depth in the same probe the DRO analytical result measured 220 ppm, and appears to be near the vertical extent based on headspace readings, olfactory and visual indicators. In BS-2 conducted near the west edge of the impacts at six inches in depth showed a DRO analytical result of 3,700 ppm the decreased magnitude at this horizon in this direction. In BS-3 conducted near the leading edge of the impacts at six inches in depth, the DRO result measured 36 ppm.

Utilizing analytical and field data we have determined the approximate extent of petroleum impacts at this site. We propose to excavate the impacted soils and land treat these soils at a nearby treatment facility. We will utilize headspace readings, visual and olfactory indicators to delineate the extent and collect confirmation samples to be sent to a laboratory for analysis. Following receipt of these analytical results we will send a follow up report indicating the method and place of treatment for the excavated soils. If you have any questions, or need additional information, do not hesitate to call me at (218) 338-5947.

Sincerely,

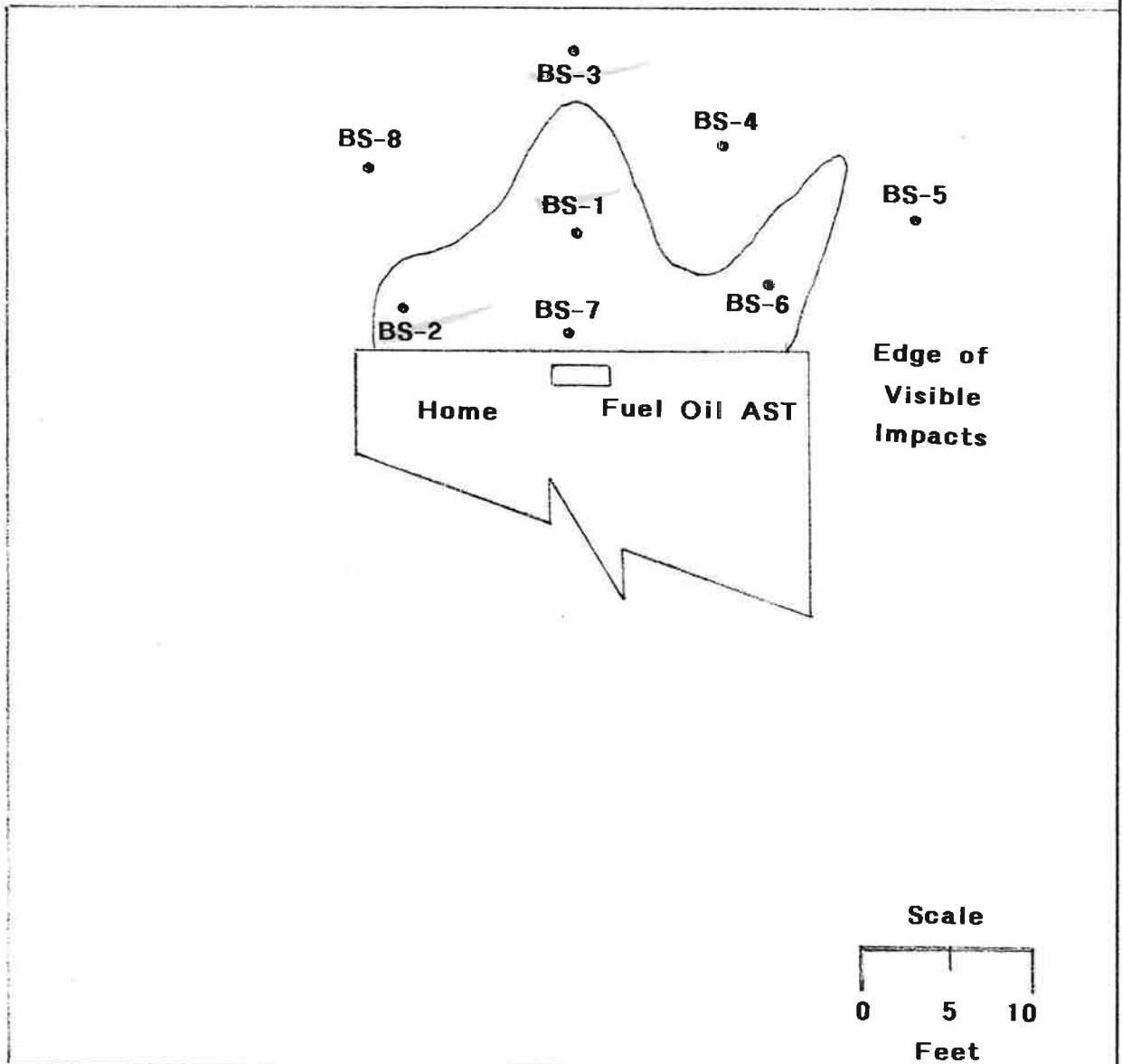
Apex Environmental, Inc.


Jeffrey G. Vosburgh
Geologist

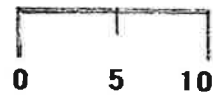
pc: Mr. Robert Trebelhorn-Trebelhorn and Associates

Hwy ~~4~~ 19

4th Street SE



Scale



Feet

Site Detail Map

Residential Property

10 4th Street SE

Fairfax, MN



KSV

JGV

022-03

PID and Analytical Results Table
Residential Property – 10 4th Street
Fairfax, MN

Location	Depth	Reading (PID)	Analytical Result (DRO)
BS-1	6"	38	13,000
BS-1	18"	0	220
BS-2	6"	1.2	3,700
BS-3	6"	0	36
BS-4	6"	0	N/A
BS-5	6"	0	N/A
BS-6	6"	28	N/A
BS-6	12"	0	N/A
BS-7	6"	32	N/A
BS-7	18"	0	N/A
BS-8	6"	0	N/A



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Tax I.D. 62-0814289
Est. 1970

REPORT OF ANALYSIS

Jeff Vosburgh
Apex Environmental Inc - Parkers Pr
60801 Cty Hwy 46
Parkers Prairie, MN 56361

August 25, 2003

Date Received : August 20, 2003
Description : Winthrop Res Site
Sample ID : BS-1 6 IN
Collected By : J G V
Collection Date : 08/15/03 00:00

ESC Sample # : L124715-01
Site ID :
Project # : 022-03

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	76.0		%	2540G	08/22/03	1
PVOCGRO						
Benzene	BDL	0.017	mg/kg	8021	08/25/03	26
Toluene	BDL	0.17	mg/kg	8021	08/25/03	26
Ethylbenzene	1.1	0.017	mg/kg	8021	08/25/03	26
m&p-Xylene	BDL	0.034	mg/kg	8021	08/25/03	26
o-Xylene	0.53	0.017	mg/kg	8021	08/25/03	26
Surrogate Recovery (70-130) 2,5-Dibromotoluene	120		% Rec.	8021	08/25/03	1
WI DRO	13000	1300	mg/kg	8015M	08/22/03	100
Surrogate Recovery (50-150) Triacotane	0.0		% Rec.	8015M	08/22/03	100

Tom Mellette, ESC Representative

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-0
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Jeff Vosburgh
Apex Environmental Inc - Parkers Pr
60801 Cty Hwy 46
Parkers Prairie, MN 56361

August 25, 2003

Date Received : August 20, 2003
Description : Winthrop Res Site
Sample ID : BS-1 18 *IN*
Collected By : J G V
Collection Date : 08/15/03 00:00

ESC Sample # : L124715-03

Site ID :

Project # : 022-03

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.9		%	2540G	08/22/03	1
PVOCGRO						
Benzene	BDL	0.016	mg/kg	8021	08/21/03	27.5
Toluene	BDL	0.16	mg/kg	8021	08/21/03	27.5
Ethylbenzene	0.076	0.016	mg/kg	8021	08/21/03	27.5
m&p-Xylene	BDL	0.033	mg/kg	8021	08/21/03	27.5
o-Xylene	0.028	0.016	mg/kg	8021	08/21/03	27.5
Surrogate Recovery (70-130) 2,5-Dibromotoluene	95.		% Rec.	8021	08/21/03	1
WI DRO	220	12.	mg/kg	8015M	08/22/03	1
Surrogate Recovery (50-150) Triacantane	67.		% Rec.	8015M	08/22/03	1

Tom Mellette, ESC Representative

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Jeff Vosburgh
Apex Environmental Inc - Parkers Pr
60801 Cty Hwy 46
Parkers Prairie, MN 56361

August 25, 2003

Date Received : August 20, 2003
Description : Winthrop Res Site
Sample ID : BS-2 6 IN
Collected By : J G V
Collection Date : 08/15/03 00:00

ESC Sample # : L124715-02

Site ID :

Project # : 022-03

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	83.8		%	2540G	08/22/03	1
PVOCGRO						
Benzene	BDL	0.017	mg/kg	8021		28
Toluene	BDL	0.17	mg/kg	8021		28
Ethylbenzene	BDL	0.017	mg/kg	8021		28
m&p-Xylene	BDL	0.033	mg/kg	8021		28
o-Xylene	BDL	0.017	mg/kg	8021		28
Surrogate Recovery (70-130) 2,5-Dibromotoluene	94.		% Rec.	8021		1
WI DRO	3700	1200	mg/kg	8015M	08/22/03	100
Surrogate Recovery (50-150) Triacontane	0.0		% Rec.	8015M	08/22/03	100

Tom Mellette, ESC Representative

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-0
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Fax (615) 758-5859

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Est. 1970

REPORT OF ANALYSIS

Jeff Vosburgh
Apex Environmental Inc - Parkers Pr
60801 Cty Hwy 46
Parkers Prairie, MN 56361

August 25, 2003

Date Received : August 20, 2003
Description : Winthrop Res Site
Sample ID : BS-3 6 IN
Collected By : J G V
Collection Date : 08/15/03 00:00

ESC Sample # : L124715-04

Site ID :

Project # : 022-03

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	92.1		%	2540G	08/22/03	1
PVOCGRO						
Benzene	BDL	0.015	mg/kg	8021	08/21/03	27.5
Toluene	BDL	0.15	mg/kg	8021	08/21/03	27.5
Ethylbenzene	BDL	0.015	mg/kg	8021	08/21/03	27.5
m&p-Xylene	BDL	0.030	mg/kg	8021	08/21/03	27.5
o-Xylene	BDL	0.015	mg/kg	8021	08/21/03	27.5
Surrogate Recovery (70-130) 2,5-Dibromotoluene	93.		% Rec.	8021	08/21/03	1
WI DRO	36.	11.	mg/kg	8015M	08/22/03	1
Surrogate Recovery (50-150) Triacotane	77.		% Rec.	8015M	08/22/03	1

Tom Mellette, ESC Representative

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-0
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L124715-01	Triacontane	J7
L124715-02	Triacontane	J7

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

Control Limits

2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	72-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	79-120
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	66-131

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Apex Environmental Inc.
60801 Cty. Hwy. 46
Parkers Prairie, MN 56361

Alternate billing information:

Report to: Jeffrey G. Vosburgh
Email to: apexpp@hotmail.com

Project Description: Winthrop Res Site
Phone: (218) 338-5147
FAX: (218) 338-5049

City/Site Collected: Winthrop, MN

ESC Key:

Client Project #: 022-03

P.O.#:

Collected by: JGV

Collected by (signature):
Packed on Ice N Y

Rush? (Lab MUST Be Notified)
Same Day 200%
Next Day 100%
Two Day 50%

Date Results Needed:
Email? No Yes
FAX? No Yes

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Remarks/Contaminant	Sample # (lab only)
BS-1 6"		SS	6"	8/15/03	P.M.	3	L124715-01	
BS-2 6"		SS	6"			3	02	
BS-1 18'		SS	18'			3	03	
BS-3 6"		SS	6"			3	04	

STEX

DFO

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH _____ Temp _____
Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition (lab use only)

Date: 8-20-03
Time: 3:21C
09:00
12-cont.

OK