

**FORMER GASTOWN MGP SITE
SITE NO. 915171**

**2000 SITE VISIT CHECKLISTS
FOR THE GROUNDWATER COLLECTION
& TREATMENT SYSTEM**

Site Visit Checklists are only available for September & October 2000.



Environmental PRODUCTS & SERVICES, INC.

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FAX TRANSMITTAL MEMO

To: Glenn MAY

From: RANDY KLOSKO

Company: NYSDEC

Date: 10/30/00

Fax Number:

No. of Pages: 8
(Including Cover)

Subject:

Comments:

Glenn - These ARE sheets
from SITE VISITS 9/5/00 to 10/30/00
PRODUCT RECOVERY STARTED UP
ON 9/28/00. CALL ME IF YOU
NEED MORE DATES / DATA.

RANDY

NOTE: This facsimile and the information it contains are intended to be confidential communication only to the addressee. If you received this facsimile in error, please notify us by telephone and return the original fax to this office by mail.

DNAPL System		
Operational upon arrival?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL pump pressure (arrival)	32	PSI
DNAPL pump pressure (departure)	32	PSI
Pneumatic settings adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Discharge control setting (departure)	✓	Arrow
Refill control setting (departure)	✓	Arrow
<u>DNAPL Drum</u>		
High level shut off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Green warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL drum container condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
<u>DNAPL Pump and Piping</u>		
DNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
DNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
DNAPL top of pump depth.		Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
LNAPL pump pressure (arrival)	50	PSI
LNAPL pump pressure (departure)	50	PSI
Bubbler tube operating pressure.	7	PSI
Pneumatic settings adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Discharge control setting (departure)	✓	Arrow
Refill control setting (departure)	✓	Arrow
<u>LNAPL Pump and Piping</u>		
LNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
LNAPL top of pump depth.		Feet
<u>Oil/Water Separator</u>		
High level oil shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
High level water shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
White warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Separator vessel condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator cover and seal condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input checked="" type="checkbox"/>
LNAPL in separator?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator needs cleaning?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>LNAPL Storage Drum</u>		
LNAPL drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Technician: RK Date: 9/5/00

LNAPL/Groundwater System - (Continued)		
<u>Equalization Drum</u>		
Equalization drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Equalization drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<u>Transfer Pump and Piping</u>		
Pump operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pump condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Flow meter operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Transfer pump flow rate.	3.67	GPM
<u>Carbon Treatment Units</u>		
Primary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Primary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Primary carbon unit pressure.	0.5	PSI
Primary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit rotated to primary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in primary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Secondary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit pressure.	0	PSI
Secondary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing unit rotated to secondary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Polishing carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit pressure.	17	PSI
Polishing carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Discharge Piping</u>		
Pipe integrity in shed.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe integrity at catch basin.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at catch basin clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pipe integrity at creek.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at creek clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Miscellaneous		
<u>Building and Site</u>		
Remediation shed condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Shed ventilation acceptable?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Repairs/work needed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Spill evidence?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Electrical/Heating</u>		
Electric controls operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Heater operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Miscellaneous - (Continued)		
<u>Extraction Well</u>		
Overall vault condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Work needed on vault?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Air Compressor</u>		
Compressor operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Compressor hours.	1537.0	Hours
Oil level checked?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Oil level changed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Compressor trap operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Regulator operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Air lines performing properly?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sampling		
Pre-carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Pre-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Mid-carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Mid-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Post carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Post carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Time sampled?	1:1	a.m./p.m.
Compliance event?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Product sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Recovery and Disposal		
Totalizer reading.	609701	Gallons
<u>Recovery from DNAPL Drum</u>		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
<u>Recovery from Oil/Water Separator</u>		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
<u>Recovery from LNAPL Drum</u>		
Pure LNAPL to disposal drum.	0	Gallons
LNAPL/water to disposal drum.	0	Gallons
LNAPL/water to oil/water separator.	0	Gallons
<u>Product Carbon Waste Storage</u>		
DNAPL drums on-site (full and fractional)	0	Drums
Spent carbon drums	02	Drums
PPE/Solids drums	0	Drums
LNAPL drums	0	Drums
Drums labeled	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

NOTES:

DNAPL System		
Operational upon arrival?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL pump pressure (arrival)	33	PSI
DNAPL pump pressure (departure)	33	PSI
Pneumatic settings adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Discharge control setting (departure)	4	Arrow
Refill control setting (departure)	4	Arrow
DNAPL Drum		
High level shut off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Green warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL drum container condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
DNAPL Pump and Piping		
DNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
DNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
DNAPL top of pump depth.		Feet

LNAPL/Groundwater System - (Continued)		
Equalization Drum		
Equalization drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Equalization drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Transfer Pump and Piping		
Pump operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pump condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Flow meter operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Transfer pump flow rate.	3.67	GPM
Carbon Treatment Units		
Primary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Primary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Primary carbon unit pressure.	2.0	PSI
Primary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit rotated to primary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in primary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Secondary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit pressure.	0.0	PSI
Secondary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing unit rotated to secondary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Polishing carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Discharge Piping		
Pipe integrity in shed.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe integrity at catch basin.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at catch basin clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pipe integrity at creek.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at creek clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Miscellaneous - (Continued)		
Extraction Well		
Overall vault condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Work needed on vault?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Air Compressor		
Compressor operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Compressor hours.	1566.9	Hours
Oil level checked?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Oil level changed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Compressor trap operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Regulator operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Air lines performing properly?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sampling		
Pre-carbon water sampled?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pre-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Mid-carbon water sampled?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Mid-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Post carbon water sampled?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Post carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Time sampled?	1215	a.m./p.m.
Compliance event?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Product sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

LNAPL/Groundwater System		
Operational upon arrival?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
LNAPL pump pressure (arrival)	55	PSI
LNAPL pump pressure (departure)	53	PSI
Bubbler tube operating pressure.	7	PSI
Pneumatic settings adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Discharge control setting (departure)	4	Arrow
Refill control setting (departure)	4	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
LNAPL top of pump depth.		Feet
Oil/Water Separator		
High level oil shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
High level water shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
White warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Separator vessel condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator cover and seal condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL in separator?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator needs cleaning?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Separator cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
LNAPL Storage Drum		
LNAPL drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Technician: RK Date: 9/28/00

Miscellaneous		
Building and Site		
Remediation shed condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Shed ventilation acceptable?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Repairs/work needed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Spill evidence?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Electrical/Heating		
Electric controls operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Heater operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Recovery and Disposal		
Totalizer reading.	626102	Gallons
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	10	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	5	Gallons
DNAPL/water to disposal drum.	2	Gallons
Recovery from LNAPL Drum		
Pure LNAPL to disposal drum.	0	Gallons
LNAPL/water to disposal drum.	0	Gallons
LNAPL/water to oil/water separator.	0	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums	0	Drums
PPE/Solids drums	0	Drums
LNAPL drums	0	Drums
Drums labeled	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

NOTES: 3 EMPTYS ON SITE

DNAPL System		
Operational upon arrival?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL pump pressure (arrival)	32	PSI
DNAPL pump pressure (departure)	32	PSI
Pneumatic settings adjusted?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Discharge control setting (departure)	↖	Arrow
Refill control setting (departure)	↖	Arrow
<u>DNAPL Drum</u>		
High level shut off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Green warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL drum container condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
<u>DNAPL Pump and Piping</u>		
DNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
DNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
DNAPL top of pump depth.		Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
LNAPL pump pressure (arrival)	52	PSI
LNAPL pump pressure (departure)	52	PSI
Bubbler tube operating pressure.	7	PSI
Pneumatic settings adjusted?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Discharge control setting (departure)	↖	Arrow
Refill control setting (departure)	↖	Arrow
<u>LNAPL Pump and Piping</u>		
LNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
LNAPL top of pump depth.		Feet
<u>Oil/Water Separator</u>		
High level oil shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
High level water shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
White warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Separator vessel condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator cover and seal condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL in separator?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator needs cleaning?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>LNAPL Storage Drum</u>		
LNAPL drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Technician: KR Date: 10/3/00

LNAPL/Groundwater System - (Continued)		
<u>Equalization Drum</u>		
Equalization drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Equalization drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<u>Transfer Pump and Piping</u>		
Pump operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pump condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Flow meter operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Transfer pump flow rate.	3-80	GPM
<u>Carbon Treatment Units</u>		
Primary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Primary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Primary carbon unit pressure.	2.0	PSI
Primary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit rotated to primary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in primary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Secondary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit pressure.	12	PSI
Secondary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing unit rotated to secondary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Polishing carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit pressure.	1/1	PSI
Polishing carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Discharge Piping</u>		
Pipe integrity in shed.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe integrity at catch basin.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at catch basin clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pipe integrity at creek.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at creek clear?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Miscellaneous		
<u>Building and Site</u>		
Remediation shed condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Shed ventilation acceptable?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Repairs/work needed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Spill evidence?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Electrical/Heating</u>		
Electric controls operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Heater operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Miscellaneous - (Continued)		
<u>Extraction Well</u>		
Overall vault condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Work needed on vault?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Air Compressor</u>		
Compressor operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Compressor hours.	1512.1	Hours
Oil level checked?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Oil level changed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Compressor trap operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Regulator operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Air lines performing properly?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sampling		
Pre-carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Pre-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Mid-carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Mid-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Post carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Post carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Time sampled?	NA	a.m./p.m.
Compliance event?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Product sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Recovery and Disposal		
Totalizer reading.	629206	Gallons
<u>Recovery from DNAPL Drum</u>		
Pure DNAPL to disposal drum.	20	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
<u>Recovery from Oil/Water Separator</u>		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	2	Gallons
<u>Recovery from LNAPL Drum</u>		
Pure LNAPL to disposal drum.	0	Gallons
LNAPL/water to disposal drum.	0	Gallons
LNAPL/water to oil/water separator.	0	Gallons
<u>Product, Carbon, Waste Storage</u>		
DNAPL drums on-site (full and fractional)	1 1/4	Drums
Spent carbon drums	0	Drums
PPE/Solids drums	0	Drums
LNAPL drums	0	Drums
Drums labeled	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

NOTES:

DNAPL System		
Operational upon arrival?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL pump pressure (arrival)	32	PSI
DNAPL pump pressure (departure)	32	PSI
Pneumatic settings adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Discharge control setting (departure)	↖	Arrow
Refill control setting (departure)	↖	Arrow
<u>DNAPL Drum</u>		
High level shut off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Green warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL drum container condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
<u>DNAPL Pump and Piping</u>		
DNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
DNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
DNAPL top of pump depth.		Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
LNAPL pump pressure (arrival)	52	PSI
LNAPL pump pressure (departure)	52	PSI
Bubbler tube operating pressure.	7	PSI
Pneumatic settings adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Discharge control setting (departure)	↖	Arrow
Refill control setting (departure)	↖	Arrow
<u>LNAPL Pump and Piping</u>		
LNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
LNAPL top of pump depth.		Feet
<u>Oil/Water Separator</u>		
High level oil shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
High level water shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
White warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Separator vessel condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator cover and seal condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL in separator?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator needs cleaning?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>LNAPL Storage Drum</u>		
LNAPL drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Technician: RK Date: 10/13/00

LNAPL/Groundwater System - (Continued)		
<u>Equalization Drum</u>		
Equalization drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Equalization drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<u>Transfer Pump and Piping</u>		
Pump operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pump condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Flow meter operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Transfer pump flow rate.	3.8	GPM
<u>Carbon Treatment Units</u>		
Primary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Primary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Primary carbon unit pressure.	2	PSI
Primary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit rotated to primary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in primary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Secondary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit pressure.	0	PSI
Secondary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing unit rotated to secondary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Polishing carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Discharge Piping</u>		
Pipe integrity in shed.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe integrity at catch basin.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at catch basin clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pipe integrity at creek.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at creek clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Miscellaneous		
<u>Building and Site</u>		
Remediation shed condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Shed ventilation acceptable?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Repairs/work needed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Spill evidence?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Electrical/Heating</u>		
Electric controls operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Heater operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Miscellaneous - (Continued)		
<u>Extraction Well</u>		
Overall vault condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Work needed on vault?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Air Compressor</u>		
Compressor operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Compressor hours.	1583.1	Hours
Oil level checked?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Oil level changed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Compressor trap operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Regulator operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Air lines performing properly?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sampling		
Pre-carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Pre-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Mid-carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Mid-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Post carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Post carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Time sampled?	NA	a.m./p.m.
Compliance event?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Product sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Recovery and Disposal		
Totalizer reading.	636971	Gallons
<u>Recovery from DNAPL Drum</u>		
Pure DNAPL to disposal drum.	43	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
<u>Recovery from Oil/Water Separator</u>		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	1	Gallons
<u>Recovery from LNAPL Drum</u>		
Pure LNAPL to disposal drum.	0	Gallons
LNAPL/water to disposal drum.	0	Gallons
LNAPL/water to oil/water separator.	0	Gallons
<u>Product, Carbon, Waste Storage</u>		
DNAPL drums on-site (full and fractional)	2	Drums
Spent carbon drums	0	Drums
PPE/Solids drums	0	Drums
LNAPL drums	0	Drums
Drums labeled	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

NOTES: 2 EMPTY Drums ONSITE

MET Glenn MAY - DEC - US GEOLOGY PROF. ONSITE - INSTALLED
CONCRETE VAULT FOR GASTOWN CLUB Sump Pumps

DNAPL System		
Operational upon arrival?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL pump pressure (arrival)	32	PSI
DNAPL pump pressure (departure)	32	PSI
Pneumatic settings adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Discharge control setting (departure)	NE	Arrow
Refill control setting (departure)	NE	Arrow
<u>DNAPL Drum</u>		
High level shut off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Green warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL drum container condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
<u>DNAPL Pump and Piping</u>		
DNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
DNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
DNAPL top of pump depth.		Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
LNAPL pump pressure (arrival)	52	PSI
LNAPL pump pressure (departure)	52	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Discharge control setting (departure)	↑	Arrow
Refill control setting (departure)	↑	Arrow
<u>LNAPL Pump and Piping</u>		
LNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
LNAPL top of pump depth.		Feet
<u>Oil/Water Separator</u>		
High level oil shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
High level water shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
White warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Separator vessel condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator cover and seal condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL in separator?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator needs cleaning?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>LNAPL Storage Drum</u>		
LNAPL drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Technician: RK Date: 10/18 - 10/19/06

LNAPL/Groundwater System - (Continued)		
<u>Equalization Drum</u>		
Equalization drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Equalization drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<u>Transfer Pump and Piping</u>		
Pump operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pump condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Flow meter operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Transfer pump flow rate.	3.61	GPM
<u>Carbon Treatment Units</u>		
Primary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Primary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Primary carbon unit pressure.	2	PSI
Primary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit rotated to primary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in primary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Secondary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit pressure.	0	PSI
Secondary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing unit rotated to secondary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Polishing carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Discharge Piping</u>		
Pipe integrity in shed.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe integrity at catch basin.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at catch basin clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pipe integrity at creek.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at creek clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Miscellaneous		
<u>Building and Site</u>		
Remediation shed condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Shed ventilation acceptable?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Repairs/work needed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Spill evidence?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Electrical/Heating</u>		
Electric controls operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Heater operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Miscellaneous - (Continued)		
<u>Extraction Well</u>		
Overall vault condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Work needed on vault?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Air Compressor</u>		
Compressor operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Compressor hours.	1588.8	Hours
Oil level checked?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Oil level changed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Compressor trap operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Regulator operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Air lines performing properly?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sampling		
Pre-carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Pre-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Mid-carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Mid-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Post carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Post carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Time sampled?	NA	a.m./p.m.
Compliance event?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Product sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Recovery and Disposal		
Totalizer reading.	639887	Gallons
<u>Recovery from DNAPL Drum</u>		
Pure DNAPL to disposal drum.	10/18/06	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
<u>Recovery from Oil/Water Separator</u>		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
<u>Recovery from LNAPL Drum</u>		
Pure LNAPL to disposal drum.	0	Gallons
LNAPL/water to disposal drum.	0	Gallons
LNAPL/water to oil/water separator.	0	Gallons
<u>Product Carbon Waste Storage</u>		
DNAPL drums on-site (full and fractional)	2	Drums
Spent carbon drums	0	Drums
PPE/Solids drums	0	Drums
LNAPL drums	0	Drums
Drums labeled	2 Empty's on site	No <input type="checkbox"/>

NOTES:

Completed VAULT, sump, backfill - ELECTRICAL, plumbing
New SYSTEM OPERATION upon departure

49 7/8 x 33 3/4

DNAPL System <i>Hi Drum Fault</i>		
Operational upon arrival?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL pump pressure (arrival)	32	PSI
DNAPL pump pressure (departure)	26	PSI
Pneumatic settings adjusted?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	✓	Arrow
DNAPL Drum		
High level shut off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Green warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL drum container condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
DNAPL Pump and Piping		
DNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
DNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
DNAPL top of pump depth.		Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
LNAPL pump pressure (arrival)	53	PSI
LNAPL pump pressure (departure)	53	PSI
Bubbler tube operating pressure.	7	PSI
Pneumatic settings adjusted?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Discharge control setting (departure)	↑	Arrow
Refill control setting (departure)	↑	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
LNAPL top of pump depth.		Feet
Oil/Water Separator		
High level oil shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
High level water shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
White warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Separator vessel condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator cover and seal condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL in separator?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator needs cleaning?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
LNAPL Storage Drum		
LNAPL drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Technician: *RK* Date: *10/26/00*

LNAPL/Groundwater System - (Continued)		
Equalization Drum		
Equalization drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Equalization drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Transfer Pump and Piping		
Pump operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pump condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Flow meter operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Transfer pump flow rate.	380	GPM
Carbon Treatment Units		
Primary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Primary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Primary carbon unit pressure.	6.5	PSI
Primary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit rotated to primary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in primary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Secondary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit pressure.	0.0	PSI
Secondary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing unit rotated to secondary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Polishing carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Discharge Piping		
Pipe integrity in shed.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe integrity at catch basin.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at catch basin clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pipe integrity at creek.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at creek clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Miscellaneous		
Building and Site		
Remediation shed condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Shed ventilation acceptable?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Repairs/work needed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Spill evidence?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Electrical/Heating		
Electric controls operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Heater operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Miscellaneous - (Continued)		
Extraction Well		
Overall vault condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Work needed on vault?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Air Compressor		
Compressor operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Compressor hours.	1594.4	Hours
Oil level checked?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Oil level changed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Compressor trap operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Regulator operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Air lines performing properly?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sampling		
Pre-carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Pre-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Mid-carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Mid-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Post carbon water sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Post carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Time sampled?	NA	a.m./p.m.
Compliance event?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Product sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Recovery and Disposal		
Totalizer reading.	643165	Gallons
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	15	Gallons
DNAPL/water to disposal drum.	5	Gallons
DNAPL/water to oil/water separator.	53	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	1	Gallons
DNAPL/water to disposal drum.	0.5	Gallons
Recovery from LNAPL Drum		
Pure LNAPL to disposal drum.	0	Gallons
LNAPL/water to disposal drum.	0	Gallons
LNAPL/water to oil/water separator.	0	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	3	Drums
Spent carbon drums	0	Drums
PPE/Solids drums	0	Drums
LNAPL drums	0	Drums
Drums labeled	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

NOTES:

DNAPL System		
Operational upon arrival?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL pump pressure (arrival)	26	PSI
DNAPL pump pressure (departure)	26	PSI
Pneumatic settings adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Discharge control setting (departure)	↑	Arrow
Refill control setting (departure)	↓	Arrow
<u>DNAPL Drum</u>		
High level shut off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Green warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
DNAPL drum container condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
<u>DNAPL Pump and Piping</u>		
DNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
DNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
DNAPL top of pump depth.		Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
LNAPL pump pressure (arrival)	53	PSI
LNAPL pump pressure (departure)	53	PSI
Bubbler tube operating pressure.	7	PSI
Pneumatic settings adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Discharge control setting (departure)	↑	Arrow
Refill control setting (departure)	↑	Arrow
<u>LNAPL Pump and Piping</u>		
LNAPL piping integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL pump cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
LNAPL top of pump depth.		Feet
<u>Oil/Water Separator</u>		
High level oil shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
High level water shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
White warning light operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Separator vessel condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Leaks present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator cover and seal condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Decant valve integrity.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL in separator?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Separator needs cleaning?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator cleaned?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>LNAPL Storage Drum</u>		
LNAPL drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
LNAPL drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Technician: RK Date: 10/30/00

LNAPL/Groundwater System - (Continued)		
<u>Equalization Drum</u>		
Equalization drum condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Equalization drum leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Drum high level shut-off operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<u>Transfer Pump and Piping</u>		
Pump operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pump condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Flow meter operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Transfer pump flow rate.	3.82	GPM
<u>Carbon Treatment Units</u>		
Primary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Primary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Primary carbon unit pressure.	1.5	PSI
Primary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit rotated to primary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in primary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Secondary carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Secondary carbon unit pressure.	0	PSI
Secondary carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing unit rotated to secondary?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Polishing carbon unit leaks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Polishing carbon unit pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
New carbon placed in secondary unit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Discharge Piping</u>		
Pipe integrity in shed.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe integrity at catch basin.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at catch basin clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pipe integrity at creek.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Pipe at creek clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Miscellaneous		
<u>Building and Site</u>		
Remediation shed condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Shed ventilation acceptable?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Repairs/work needed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Spill evidence?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Electrical/Heating</u>		
Electric controls operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Heater operational	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Miscellaneous - (Continued)		
<u>Extraction Well</u>		
Overall vault condition.	Good <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>
Work needed on vault?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Air Compressor</u>		
Compressor operational?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Compressor hours.	1597.9	Hours
Oil level checked?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Oil level changed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Compressor trap operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Regulator operating?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Air lines performing properly?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sampling		
Pre-carbon water sampled?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Pre-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Mid-carbon water sampled?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Mid-carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Post carbon water sampled?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Post carbon sample ports clear?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Time sampled?	1315	a.m./p.m.
Compliance event?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Product sampled?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Recovery and Disposal		
Totalizer reading.	644985	Gallons
<u>Recovery from DNAPL Drum</u>		
Pure DNAPL to disposal drum.	10	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
<u>Recovery from Oil/Water Separator</u>		
Pure DNAPL to disposal drum.	0.5	Gallons
DNAPL/water to disposal drum.	0.5	Gallons
<u>Recovery from LNAPL Drum</u>		
Pure LNAPL to disposal drum.	0	Gallons
LNAPL/water to disposal drum.	0	Gallons
LNAPL/water to oil/water separator.	0	Gallons
<u>Product, Carbon, Waste Storage</u>		
DNAPL drums on-site (full and fractional)	3	Drums
Spent carbon drums	0	Drums
PPE/Solids drums	0	Drums
LNAPL drums	0	Drums
Drums labeled	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

RESET POSTS & FENCE.
CLEANED UP AREA AROUND
SOIL PILE - REGRADE STONE

NOTES: Completed BACKFILL AROUND
NEW SEPARATOR VAULT. MOVED 2 LOADS
APPROX 12 TONS OF EXCESS SOIL OFFSITE