FORMER GASTOWN MGP SITE SITE NO. 915171

2008 SITE VISIT CHECKLISTS FOR THE GROUNDWATER COLLECTION & TREATMENT SYSTEM

DNAPL System		1
Operational upon arrival?	(Yes)	·No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	~12	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	L	Arrow
DNAPL Drum	_	
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping	1 1	
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	(No)
DNAPL top of pump depth.	24,5	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	35	PSI
LNAPL pump pressure (departure)	33	PSI
Bubbler tube operating pressure.	3.2	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	不	Arrow
Refill control setting (departure)	· ->	Arrow
LNAPL Pump and Piping LNAPL piping integrity. LNAPL pump cleaned? LNAPL top of pump depth.	Good Yes	Poor No Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	No ®

Technician: ART KOSKE

Date: 1-11-08

<u>Table 4-1</u>

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	4.60	GPM
Totalizer reading (cumulative volume).	800098	Gallons
Water filters changed?	(es)	No
Filter unit pressure (arrival/departure)	38/12	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	6	PSI
Primary carbon removed for disposal?	Yes	No
Secondary carbon drum rotated to primary?	Yes	No
New carbon placed in primary drum?	Yes	No
Secondary carbon drum integrity. Secondary carbon drum leaks?	Good	Poor
Secondary carbon drum pressure.	Z 1/Z	PSI
Secondary carbon removed for disposal?		₩ <u></u>
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	res	№
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	2	PSI
Polishing carbon removed for disposal?	Yes	®
New carbon placed in primary drum?	Yes	No
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

Miscellaneous	APPEAR TELLS	
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational	Yes Yes	No No

Site Visit Checklist/Data Sheet

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	6312	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No.
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling	Maria de la companya	
Primary carbon influent sampled?	Yes	(No)
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	CON
Compliance event?	Yes	(%)
Time sampled.		a.m./p.m.
Product sampled?	Yes	(No)

Recovery and Disposal		
Recovery from DNAPL Drum	·	
Pure DNAPL to disposal drum.	_	Gallons
DNAPL/water to disposal drum.	1/2	Gallons
DNAPL/water to oil/water separator.	37	Gallons
	·	
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
•		
Product, Carbon, Waste Storage	,	
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums	2	Drums
PPE/Solids drums	1	Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

DNAPL System		
Operational upon arrival?	Yes	·No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	(NO)
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	Ľ	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes,	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System		10 10 11 11
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	35	PSI
LNAPL pump pressure (departure)	35	PSI
Bubbler tube operating pressure.	32	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	->	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	(Yes)	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	No

Γechnician:	ART	KOSKE
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Date: 1-15-08

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping Pump operational? Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure)	Yes Yes Z Z	No Poor No GPM Gallons No PSI
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon removed for disposal? Secondary carbon drum rotated to primary? New carbon placed in primary drum?	Good Yes Yes Yes Yes Yes	Poor No PSI NO P
Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum?	Yes Yes Yes Yes	Poor No PSI No No
Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum?	Yes Yes Yes	Poor No PSI No No
Discharge Piping Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good Good Yes Good Yes	Poor Poor No Poor No

Miscellaneous		
Building and Site Remediation shed integrity.	Good	Poor
Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Yes Yes Yes	
Electrical and Heating Electric controls operational Heater operational	(Ves (Yes)	No No

Miscellaneous - (Continued)	1	
Access Vaults Overall vault integrity.	Good	Poor
Repairs needed to vaults? Air Compressor	Yes	
Compressor operational?	Yes	No
Compressor hours.	6320	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	(Yes	No

Sampling		
Primary carbon influent sampled?	Yes	0.√N
Primary carbon effluent sampled?	Yes	(No)
Secondary carbon effluent sampled?	Yes	(No)
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum	—	Gallons
DNAPL/water to disposal drum.	~ 25	Gallons
DNAPL/water to oil/water separator.	54	Gallons
	7	
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
	-	
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	i	Drums
Spent carbon drums	~	Drums
PPE/Solids drums	1	Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	44 7	PSI
DNAPL pump pressure (departure)	44	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	K	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	241/2	Feet

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	35	PSI
LNAPL pump pressure (departure)	35	PSI
Bubbler tube operating pressure.	3.2	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	->	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	(No)

Technician:	ART	Koske	
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LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping Pump operational? Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure)	Yes Good Yes BOSTIV	No Poor No GPM Gallons No PSI
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon removed for disposal? Secondary carbon drum rotated to primary? New carbon placed in primary drum?	Good Yes Yes Yes Yes Yes	Poor No PSI No No
Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum?	Good Yes Yes Yes Yes	Poor Pri (E) (E) (E)
Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum?	Good Yes Yes Yes	Poor No PSI No No
Discharge Piping Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good Yes Good	Poor Poor No Poor

Miscellaneous		
Building and Site		
Remediation shed integrity.	Good	Poor
Shed ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	
Spill evidence?	Yes	No
Electrical and Heating		
Electric controls operational	Yes	No
Heater operational	Yes	No

Miscellaneous - (Continued)	The state of the s	
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	6372	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	(No)
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	. No
Time sampled.	10:55	a.m/p.m.
Product sampled?	Yes	(No)

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	.25	Gallons
DNAPL/water to oil/water separator.	80	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	-	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	ſ	Drums
Spent carbon drums	2	Drums
PPE/Solids drums	1	Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	42	PSL
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	6	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
Decim raire integrity.		
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No.
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	3	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	不	Arrow
Refill control setting (departure)	-	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	(No)
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	No

Technician:	ART	KOSKE	
Date:	2-5-6	28	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping Pump operational? Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure)	5.00 6.724 24/14	No Poor No GPM Gallons No PSI
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon removed for disposal? Secondary carbon drum rotated to primary? New carbon placed in primary drum?	Good Yes Yes Yes Yes	Poor (S) PSI (S)
Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum?	Good Yes 3 1/2 Yes Yes Yes	Por No Po
Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum? Discharge Piping	Yes Yes Yes	Poor No PSI No No
Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good Good Yes Good Yes	Poor Poor No Poor No

Miscellaneous		
Building and Site Remediation shed integrity.	Good	Poor
Shed ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	©
Spill evidence?	Yes	(No)
Electrical and Heating		
Electric controls operational	(XSS)	No
Heater operational	Yes	No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(No)
		_
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	6405	Hours
Oil level checked?	Yes	. No.
Oil level changed?	Yes	(No)
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	.	Gallons
DNAPL/water to oil/water separator.	75	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	•	Gallons
DNAPL/water to disposal drum.	125	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	l	Drums
Spent carbon drums	て	Drums
PPE/Solids drums		Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No
Drums palletized?	Xcs	No

DNAPL System		
Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	1	Arrow
DNAPL Drum	4.700	
High level shut off operational?	(Yes)	No
Green warning light operational?	(Yes)	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	(No)
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	(No)
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System	
Operational upon arrival?	No No
LNAPL pump pressure (arrival) 3C) PSI
LNAPL pump pressure (departure)) PSI
Bubbler tube operating pressure. 3.	PSI PSI
Pneumatic settings adjusted? Yes	
Discharge control setting (departure)	Arrow
Refill control setting (departure)	> Arrow
LNAPL Pump and Piping	_
LNAPL piping integrity. Goo	d Poor
LNAPL pump cleaned? Yes	No No
LNAPL top of pump depth.	Feet
Oil/Water Separator	
Water high level shut-off operational?	O No
White warning light operational?	
Separator vessel integrity.	elec.
Leaks present?	
Separator cover and seal integrity.	
Decant valve integrity.	
11	THE PARTY NAMED IN COLUMN TO PARTY NAMED IN CO
II	
Separator needs cleaning? Separator cleaned? Yes	

Technician:	ART	KUSKC	
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LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	4.1	GPM
Totalizer reading (cumulative volume).	617524	Gallons
Water filters changed?	(Yes)	No
Filter unit pressure (arrival/departure)	38/14	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good)	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	71/2	PSI
Primary carbon removed for disposal?	Yes	(No)
Secondary carbon drum rotated to primary?	Yes	No
New carbon placed in primary drum?	Yes	No
Secondary carbon drum integrity.	(Good	Pogr
Secondary carbon drum leaks?	Yes	(No
Secondary carbon drum pressure.	73	PSI
Secondary carbon removed for disposal?	Yes	No
Polishing drum rotated to secondary?	Yes	(No.)
New carbon placed in secondary drum?	Yes	No
5 P. 1		
Polishing carbon drum integrity. Polishing carbon drum leaks?	(Good)	Poor
Polishing carbon drum pressure.	Yes 11/2	No PSI
Polishing carbon arum pressure. Polishing carbon removed for disposal?	Yes	1.21
New carbon placed in primary drum?	Yes Yes	
New carbon piaced in primary druin?	i cs	
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at eatch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational	Yes Yes	No No

Miscellaneous - (Continued)		
Access Vaulis		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	6461	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating	Yes	No
Air lines performing properly?	Yes	No

the state of the s		
Sampling		
Primary carbon influent sampled?	Yes	(No)
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	(No)

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	- .25 42	Gallons Gallons Gallons
Recovery from Oil/Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.	O'S STATES	Gallons Gallons
Product, Carbon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums	1	Drums Drums Drums Drums
Drums labeled? Drums palletized?	Yes	No No

DNAPL System	***************************************	
Operational upon arrival?	(Yes	No
DNAPL pump pressure (arrival)	45	PSI
DNAPL pump pressure (departure)	45	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	N. Contraction of the contractio	Arrow
Refill control setting (departure)	Z	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	(No)
Decant valve integrity.	(food)	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	(No)
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System		
Operational upon arrival?	(Yes)	No
LNAPL pump pressure (arrival)	35	PSI
LNAPL pump pressure (departure)	35	PSI
Bubbler tube operating pressure.	3_	PSI
Pneumatic settings adjusted?	Yes	No /
Discharge control setting (departure)	*	Arrow
Refill control setting (departure)	~	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(No)
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Yes)	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	(No)
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	(Yes)	No
Separator needs cleaning?	(Yes.)	No
Separator cleaned?	Yes	No

Technician:_	ART	KOSKE	
Date: 7	ت ح ـ ا	ಬಡ	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping Pump operational? Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure)	(15) (15) (15) (15) (15) (15) (15)	No Poor No GPM Gallons No PSI
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon removed for disposal? Secondary carbon drum rotated to primary? New carbon placed in primary drum?	Good Yes Yes Yes Yes	P () = () () ()
Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum?	Good Yes 1/17 Yes Yes Yes	(3(1) S S S S S S S S S S S S S S S S S S S
Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum?	Good Yes Yes Yes	Peor No PS No
Discharge Piping Pipe integrity in shed. Pipe integrity at eatch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?	Gad Ses Gad Ses	Poor Poor No Poor No

Miscellaneous		
Building and Site Remediation shed integrity Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational	Yes	No No

Miscellaneous - (Continued)	·	
Access Vaults		
Overall vault integrity.	(Ggod) Po	or
Repairs needed to vaults?		o)
Air Compressor		
Compressor operational?	Yes N	0
Compressor hours.	6520 Ho	urs
Oil level checked?	(Yes) N	0
Oil level changed?	Yes	シ
Compressor trap operating?	Yes N	0
Regulator operating?	Yes N	0
Air lines performing properly?	Ves N	0

Sampling		
Primary carbon influent sampled?	(Yes)	No
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	No
Time sampled.	9:15	(a.m./p.m.
Product sampled?	Yes	C NO

<u> </u>		
Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	1/2	Gallons
DNAPL/water to oil/water separator.	80	Gallons
Recovery from Oil/Water Separator	1.	
Pure DNAPL to disposal drum.	(m/c)	Gallons
DNAPL/water to disposal drum.	_	Gallons
		¥.,
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	å	Drums
Spent carbon drums	2	Drums
PPE/Solids drums		Drums
LNAPL drums		Drums ½
Drums labeled?	Yes	No
Drums palletized?	Yes	No

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	72	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	4	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	(TE)	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	36	PSI
LNAPL pump pressure (departure)	30	.PSI
Bubbler tube operating pressure.	3	PSI
Pneumatic settings adjusted?	Yes	No.
Discharge control setting (departure)	不	Arrow
Refill control setting (departure)	>	Arrow
LNAPL Pump and Piping	l	
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No.
LNAPL top of pump depth.	14	Feet
1		
Oil/Water Separator		
Water high level shut-off operational?	(CS)	No
White warning light operational?	Yes	$\langle N_0 \rangle$
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	(No)
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	(No)

Technicia	an: PRT	Koske	
Date:	3-6-0	હ	

LNAPL/Groundwater System - (Continued) Transfer Pump and Piping Pump operational? No Pump integrity. Poor Flow meter operational? No Transfer pump flow rate. **GPM** Totalizer reading (cumulative volume). 836468 Gallons Water filters changed? Yes Filter unit pressure (arrival/departure) 100 Carbon Treatment Drums Primary carbon drum integrity. Poor Primary carbon drum leaks? Yes Primary carbon drum pressure. Primary carbon removed for disposal? 33 Secondary carbon drum rotated to primary? Yes New carbon placed in primary drum? Yes Secondary carbon drum integrity. Good Secondary carbon drum leaks? Yes Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? Yes New carbon placed in secondary drum? Good Polishing carbon drum integrity. Poor (No) Polishing carbon drum leaks? Yes Polishing carbon drum pressure. 11/2 PSI Polishing carbon removed for disposal? Yes

Table 4-1

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes Yes	Poor No
Electrical and Heating Electric controls operational Heater operational	Yes	No No

Yes

Poor

Poor

No

Poor

No

New carbon placed in primary drum?

<u>Discharge Piping</u> Pipe integrity in shed.

Pipe integrity at catch basin.

Pipe at catch basin clear?

Pipe integrity at creek.

Pipe at creek clear?

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	
Air Compressor		
Compressor operational?	(Yes)	No
Compressor hours.	6562	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

1.77		
Sampling		
Primary carbon influent sampled?	Yes	(NO)
Primary carbon effluent sampled?	Yes	(E)
Secondary carbon effluent sampled?	Yes	(A)
Compliance event?	Yes	(M)
Time sampled.		a.m./p.m.
Product sampled?	Yes	Ne

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	- 1175 62	Gallons Gallons Gallons
Recovery from Oil/Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.	=	Gallons Gallons
Product, Carbon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums Drums labeled? Drums palletized?	- Z	Drums Drums Drums Drums No

Notes: REPLACED OIL/WATER
SEPARATOR WARNING LIGHT
BUIB

DNAPL System	
"Operational upon arrival? "DNAPL pump pressure (arrival) DNAPL pump pressure (departure) Pneumatic settings adjusted? Discharge control setting (departure) Refill control setting (departure)	Yes Arrow
DNAPL Drum High level shut off operational? Green warning light operational? DNAPL drum container integrity. Leaks present? Decant valve integrity.	Yes No No No Good Poor No Poor
DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned? DNAPL top of pump depth.	Good Poor Yes No

	LNAPL/Groundwater System		
	Operational upon arrival? LNAPL pump pressure (arrival)	(es)	No PSI
ı	LNAPL pump pressure (departure)	32	PSI
ı	Bubbler tube operating pressure.	3	PSI
İ	Pneumatic settings adjusted?	Yes	No)
1	Discharge control setting (departure)	<u> </u>	Arrow
1	Refill control setting (departure)	<u> </u>	Arrow
	LNAPL Pump and Piping		
1	LNAPL piping integrity.	Good	. Poor
١	LNAPL pump cleaned?	Yes	No
	LNAPL top of pump depth.	1214	Feet
	Oil/Water Separator		
	Water high level shut-off operational?	⊈ es →	No
	White warning light operational?	(CES)	No
1	Separator vessel integrity.	Good	Poor
ı	Leaks present?	Yes	No
ı	Separator cover and seal integrity.	Good	Poor
ı	Decant valve integrity.	Good	Poor
	LNAPL in separator?	Yes	\bigcirc
1	Separator needs cleaning?	(es)	No
1	Separator cleaned?	Yes	No

Technician: ART KOSKE

Date: 3-18-08

Table 4-1

LNAPL/Groundwater System - (Continued)		-
Transfer Pump and Piping Pump operational? Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure)	\(\frac{\frac}\fir\f{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{	No Poor No GPM Gallons No PSI
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon removed for disposal? Secondary carbon drum rotated to primary? New carbon placed in primary drum?	Good Yes 3'/Z Yes Yes Yes	Poor Ko PSI (No PS) As A
Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum?	Good Yes Yes Yes Yes	Poor (S) PSI (S) (S) (E)
Polishing carbon drum integrity: Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum?	Good Yes 11/2 Yes Yes	
Discharge Piping Pipe integrity in shed. Pipe integrity at eatch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good Good Yes Good Fes	Poor Poor No Poor No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational	(cs (cs	No No

Site Visit Checklist/Data Sheet

Miscellaneous - (Continued)	in specie	
Access Vaults Overall vault integrity. Repairs needed to vaults?	Good Yes	Poor
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	(ES) (YES) (YES) (YES)	No Hours No No No

Sampling		
Primary carbon influent sampled?	Yes	(No)
Primary carbon effluent sampled?	Yes	(NO
Secondary carbon effluent sampled?	Yes	(D)
Compliance event?	Yes	
Time sampled.		a.m./p.m.
Product sampled?	Yes	(Ng)

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum.	. 125°	Gallons Gallons
DNAPL/water to oil/water separator.	(0 <u>0</u>	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	-	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums	_	Drums
PPE/Solids drums	1	Drums
LNAPL drums	- 1	. Drums
Drums labeled?	Yes	' No
Drums palletized?	Yes	No -

DNAPL System		
Operational upon arrival?	(Yes) No	
DNAPL pump pressure (arrival)	Y Z PSI	
DNAPL pump pressure (departure)	42 PSI	
Pneumatic settings adjusted?	Yes No)
Discharge control setting (departure)	Arrov	v
Refill control setting (departure)	Arrov	V
DNAPL Drum		
High level shut off operational?	Yes No	
Green warning light operational?	Yes No	
DNAPL drum container integrity.	Poor	
Leaks present?	Yes 140	>
Decant valve integrity.	food Poor	
DNAPL Pump and Piping		
DNAPL piping integrity.	Good Poor	
DNAPL pump cleaned?	Yes No	>
DNAPL top of pump depth.	24/12 Feet	

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	3	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	4	Arrow
Refill control setting (departure)	->	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14'	Feet
Oil/Water Separator		ł
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	No

Technician:_	ART	KOSKE
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Date: 3-28-08

Table 4-1

LNAPL/Groundwater System - (Continued)			
Transfer Pump and Piping Pump operational? Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure)	4.0 857114 32 160	No Poor No GPM Gallons No PSI	
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon removed for disposal? Secondary carbon drum rotated to primary? New carbon placed in primary drum?	Good Yes 1 Yes Yes Yes	<u> </u>	
Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum?	Good Yes Z'/Z Yes Yes Yes	Poor No PSI No	
Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum?	Good Yes Yes Yes	Poor PSI SO SO	
Discharge Piping Pipe integrity in shed. Pipe integrity at eatch basin. Pipe at eatch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good Yes Good Yes	Poor Poor No Poor No	

Miscellaneous			
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?		Good Yes Yes Yes	Poor No No No
Electrical and Heating Electric controls operational Heater operational	·	(E)	No No

Miscellaneous - (Continued)		
Access Vaults Overall vault integrity. Repairs needed to vaults?	Good	Poor
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	Yes Yes Yes	No Hours No No No No

¥2.		
Sampling		
Primary carbon influent sampled?	Yes	(NO)
Primary carbon effluent sampled?	Yes	(40)
Secondary carbon effluent sampled?	Yes	
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	M

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	Ì	Gallons
DNAPL/water to disposal drum.	.125	Gallons
DNAPL/water to oil/water separator.	12	Gallons
B. C. Cillillaton Comparaton		
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	~	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums		Drums
PPE/Solids drums	1	Drums
LNAPL drums	l	Drums
Drums labeled?	(es)	No
Drums palletized?	(E)	No

DNAPL System		
Operational upon arrival?	Yes	. No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	K	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	(No)
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	_3_	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	不	Arrow
Refill control setting (departure)	→	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(No)
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	No

Technic	ian: ART	KOSKE	
Date:	3-31-0	દ	

LNAPL/Groundwater System - (Continued)				
Transfer Pump and Piping Pump operational? Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure)	Yes Good Yes 3. (2 B6.352 Yes Zo/20	No Poor No GPM Gallons No PSI		
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon removed for disposal? Secondary carbon drum rotated to primary? New carbon placed in primary drum?	Good Yes B Yes Yes Yes	Poor No PSI VO		
Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum?	Yes Yes Yes Yes	Poor No PSI No		
Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum?	Good Yes Yes Yes	Poor No PSI Ng No		
Discharge Piping Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good Yes Good Yes	Poor Poor No Poor No		

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Qes Yes Yes	Poor
Electrical and Heating Electric controls operational Heater operational	Yes	No No

Miscellancous - (Continued)		·
Access Vaults Overall vault integrity. Repairs needed to vaults?	Good Yes	Poor No
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	Yes Yes Yes Yes Yes Yes	No Hours No No No

The state of the s		
Sampling		
Primary carbon influent sampled?	(es)	No
Primary carbon effluent sampled?	Yes	(No)
Secondary carbon effluent sampled?	Yes	No
Compliance event?	(Yes)	No
Time sampled.	9:35	a.m./p.m.
Product sampled?	Yes	No

[B		
Recovery and Disposal	,	
"Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	2.510	Gallons
DNAPL/water to oil/water separator.	-5	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	4	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	i	Drums
Spent carbon drums	_	Drums
PPE/Solids drums	1	Drums
LNAPL drums	j	Drums
Drums labeled?	Yes	No
Drums palletized?	(TES)	No

No

Poor

No GPM

Gallons

No PSI

Poor

(S) (S) (S) (S)

Poor

Poor

No

Poor

3.0

Good)

Yes 9/12

Yes

Yes

Yes Yes

Yes

Good

Yes ...

Yes

Yes

LNAPL/Groundwater System - (Continued)

Transfer Pump and Piping Pump operational?

Flow meter operational?

Transfer pump flow rate.

Water filters changed?

<u>Carbon Treatment Drums</u> Primary carbon drum integrity.

Primary carbon drum leaks?

Primary carbon drum pressure.

Primary carbon removed for disposal?

Secondary carbon drum rotated to primary?

New carbon placed in primary drum?

Polishing drum rotated to secondary?

Polishing carbon drum integrity.

Polishing carbon drum pressure.
Polishing carbon removed for disposal?

New carbon placed in primary drum?

Polishing carbon drum leaks?

Pipe integrity at eatch basin.

Pipe at eatch basin clear?

Pipe integrity at creek.

Pipe at creek clear?

Miscellaneous

Building and Site

Discharge Piping

Pipe integrity in shed.

New carbon placed in secondary drum?

Secondary carbon drum integrity.

Secondary carbon drum leaks?
Secondary carbon drum pressure.
Secondary carbon removed for disposal?

Totalizer reading (cumulative volume).

Filter unit pressure (arrival/departure)

Pump integrity.

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	Z	Arrow
DV4R4 D		
DNAPL Drum	400	No -
High level shut off operational? Green warning light operational?	Yes	No No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	
Decant valve integrity.	Good	Poor
Decam varve integray.		1.001
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	24/12	Feet

LNAPL/Groundwater System		
Operational upon arrival? LNAPL pump pressure (arrival) LNAPL pump pressure (departure) Bubbler tube operating pressure. Pneumatic settings adjusted? Discharge control setting (departure) Refill control setting (departure)	Yes 3 0 3 3 Yes 7	No PSI PSI PSI No Arrow Arrow
LNAPL Pump and Piping LNAPL piping integrity. LNAPL pump cleaned? LNAPL top of pump depth.	Good Yes 14	Poor Vo Feet
Oil/Water Separator Water high level shut-off operational? White warning light operational? Separator vessel integrity. Leaks present? Separator cover and seal integrity. Decant valve integrity. LNAPL in separator? Separator needs cleaning? Separator cleaned?	Yes Good Yes Good Yes Yes	No No Poor No Poor Poor No No No

Technician	:	17/	21	_	KOSKZ	
Date:	4-	11	-	6	છ	

Remediation shed integrity.

Shed ventilation acceptable?

Repairs/work needed?

Spill evidence?

Electrical and Heating
Electric controls operational.

Ves No

Heater operational

Miscellaneous - (Continued)		2.4	
Access Vaults			
Overall vault integrity.	4.4	Good	Poor
Repairs needed to vaults?		Yes	No
Air Compressor			
Compressor operational?		Yes	No
Compressor hours.		6758	Hours
Oil level checked?		(es)	No
Oil level changed?		Yes	(NO)
Compressor trap operating?		Yes	No
Regulator operating?		Yes	No
Air lines performing properly?		Yes	No

Sampling		
Primary carbon influent sampled?	Yes	₩
Primary carbon effluent sampled?	Yes	
Secondary carbon effluent sampled?	Yes	(10)
Compliance event?*	Yes	(NO)
Time sampled.		a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	1/4	Gallons
DNAPL/water to oil/water separator.	123	 Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	5125	Gallons
DNAPL/water to disposal drum.	Gallons	
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums	_	Drums
PPE/Solids drums	ì	Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

DNAPL System	
Operational upon arrival? DNAPL pump pressure (arrival) DNAPL pump pressure (departure) Pneumatic settings adjusted? Discharge control setting (departure) Refill control setting (departure)	Yes No PSI Yes No Arrow Arrow
DNAPL Drum High level shut off operational? Green warning light operational? DNAPL drum container integrity. Leaks present? Decant valve integrity.	Yes No No Poor Yes Good Poor
DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned? DNAPL top of pump depth.	Good Yes No Z41/Z Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.		PSI.
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	>	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
ENALE top of pump depuis	1	
Oil/Water Separator		
Water high level shut-off operational?	(es)	· No
White warning light operational?		No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	(No)

Technicia	n: ART	KOSKE	
Datas	4-21-	08	

LNAPL/Groundwater System - (Continued)			
Transfer Pump and Piping			
Pump operational?	Yes	No	
Pump integrity.	Good	Poor	
Flow meter operational?	Yes	No	
Transfer pump flow rate.	3.5	GPM	
Totalizer reading (cumulative volume).	87708C	Gallons	
Water filters changed?	Yes	No	
Filter unit pressure (arrival/departure)	36/18	PSI	
Carbon Treatment Drums			
Primary carbon drum integrity.	Good	Poor	
Primary carbon drum leaks?	Yes	No	
Primary carbon drum pressure.	711	PSI	
Primary carbon removed for disposal?	Yes	(No)	
Secondary carbon drum rotated to primary?	Yes	No	
New carbon placed in primary drum?	Yes	₩ (
Secondary carbon drum integrity.	Good	Poor	
Secondary carbon drum leaks?	Yes	(No)	
Secondary carbon drum pressure.	31/2	PSI	
Secondary carbon removed for disposal?	Yes	No	
Polishing drum rotated to secondary?	Yes	No	
New carbon placed in secondary drum?	Yes	®	
Polishing carbon drum integrity.	(Good	Poor -	
Polishing carbon drum leaks?	Yes	(No)	
Polishing carbon drum pressure.	11/2	PSI	
Polishing carbon removed for disposal?	Yes	No	
New carbon placed in primary drum?	Yes	No	
Discharge Piping			
Pipe integrity in shed.	Good	Poor	
Pipe integrity at catch basin.	Good	Poor	
Pipe at catch basin clear?	Yes	No	
Pipe integrity at creek.	Good	Poor	
Pipe at creek clear?	Yes	No	

Miscellancous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational	Yes Yes	No No

Miscellaneous - (Continued)		,
Access Vaulis		n
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No.
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	6808	Hours
Oil level checked?	(Yes)	No
Oil level changed?	Yes	No
Compressor trap operating?	(Yes)	No
Regulator operating?		No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	
Secondary carbon effluent sampled?	Yes	(No)
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	1/2	Gallons
DNAPL/water to oil/water separator.	フ	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
#150 1		
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	ŧ	Drums
Spent carbon drums	_	Drums
PPE/Solids drums	1	Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No
Drums palletized?	200	No

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DNAPL System		
Operational upon arrival? DNAPL pump pressure (arrival) DNAPL pump pressure (departure) Pneumatic settings adjusted? Discharge control setting (departure) Refill control setting (departure)	Yes Yes Ves	No PSI PSI No Arrow Arrow
DNAPL Drum High level shut off operational? Green warning light operational? DNAPL drum container integrity. Leaks present? Decant valve integrity.	Yes Yes Good Yes	No No Poor No Poor
DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned? DNAPL top of pump depth.	Good Yes ZY1/z	Poor No Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	_3	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	→	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	No

Technician	ART	KOSKIL	
Date: 🚣	1-28 -	ಲ ಶಿ	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping Pump operational? Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure)	(Good (Yes) (4.0 (Yes) (Yes)	No Poor No GPM B Gallons No PSI
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon drum pressure. Primary carbon drum rotated to primary? New carbon placed in primary drum? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum?	Good Yes	
Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum? Discharge Piping Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good Yes 1 1/2 Yes Yes Yes Good Good Yes Good Yes	Poor Poor Poor Poor No No

Miscellaneous	:	
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes Yes	Poor No No No
Electrical and Heating Electric controls operational Heater operational	Yes	No No

Miscellancous - (Continued)		
Access Vaults Overall vault integrity. Repairs needed to vaults?	Good	Poor
<u>Air Compressor</u>)
Compressor operational? Compressor hours. Oil level checked?	6858 6858	No Hours No
Oil level changed? Compressor trap operating?	Yes	No No
Regulator operating? Air lines performing properly?	Yes	No No

<u> </u>		
Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	No .
Compliance event?	Yes	No
Time sampled.	9:55	(a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	1/2	Gallons Gallons Gallons
Recovery from Oil/Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.		Gallons Gallons
Product, Carbon, Waste Starage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums Drums labeled? Drums palletized?	Yes	Drums Drums Drums Drums No No

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	40	PSI
DNAPL pump pressure (departure)	40	PSI
Pneumatic settings adjusted?	Yes	(140)
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	K	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	(No)
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System	- J	
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	_3_	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	→	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Ciood	Poor.
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No -
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	(No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	No

Technician: ART KOSKE

Date: 5-7-08

LNAPL/Groundwater System - (Continued)	
Transfer Pump and Piping	
Pump operational?	No
Pump integrity. Good	Poor
Flow meter operational?	No
Transfer pump flow rate.	GPM
Totalizer reading (cumulative volume). 88491	Gallons
Water filters changed?	No
Filter unit pressure (arrival/departure)	PSI
Carbon Treatment Drums	
Primary carbon drum integrity. Good	Poor
Primary carbon drum leaks?	No
Primary carbon drum pressure.	TISI
Primary carbon removed for disposal?	(No.)
Secondary carbon drum rotated to primary? Yes	No
New carbon placed in primary drum? Yes	No
Secondary carbon drum integrity. Good	Poor
Secondary carbon drum leaks? Yes	No
Secondary carbon drum pressure.	PSI
Secondary carbon removed for disposal? Yes	No
Polishing drum rotated to secondary? Yes	No
New carbon placed in secondary drum? Yes	No
Polishing carbon drum integrity.	Poor
Polishing carbon drum leaks? Yes	No
Polishing carbon drum pressure.	PSI
Polishing carbon removed for disposal? Yes	No
New carbon placed in primary drum? Yes	No
Discharge Piping	
Pipe integrity in shed.	Poor
Pipe integrity at eatch basin.	Poor
Pipe at catch basin clear?	No
Pipe integrity at creek.	Poor
Pipe at creek clear?	No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable?	Good	Poor No
Repairs/work needed?	Yes	No
Spill evidence?	Yes	No
Electrical and Heating		
Electric controls operational	Yes	No
Heater operational	1	No

Miscellaneous - (Continued)			
Access Vaults Overall vault integrity. Repairs needed to vaults?		Good	Poor
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	1.4	Yes Yes Yes Yes Yes Yes	No Hours No No No No

Sampling		
Primary carbon influent sampled?	Yes	(No)
Primary carbon effluent sampled?	Yes	ONO NO
Secondary carbon effluent sampled?	Yes	M
Compliance event?	Yes	
Time sampled.		a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	opposed to the same	Gallons
DNAPL/water to disposal drum.	1/2	Gallons
DNAPL/water to oil/water separator.	22	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		}
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums		Drums
PPE/Solids drums	100	Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No No
Drums palletized?	Yes	- No

DNAPL System	
Operational upon arrival? DNAP!. pump pressure (arrival) DNAPL pump pressure (departure) Pneumatic settings adjusted? Discharge control setting (departure) Refill control setting (departure)	Yes No PSI PSI Yes No Arrow Arrow
DNAPL Drum High level shut off operational? Green warning light operational? DNAPL drum container integrity. Leaks present? Decant valve integrity.	Yes No No No Poor Poor Food Poor
DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned? DNAPL top of pump depth.	Good Poor Yes No Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	3	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	->	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	Nο
Separator vessel integrity.	Unod	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	· No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	(No)

Technician:	ART	KOSKE	
Date: 5-	14-08		

Table 4-1

Pump operational? Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum rotated to primary? New carbon placed in primary drum? Secondary carbon drum integrity. Secondary carbon drum integrity. Secondary carbon drum leaks? Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing drum rotated to se	LNAPL/Groundwater System - (Continued)		
Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum pressure. Primary carbon drum pressure. Primary carbon drum integrity. Secondary carbon drum integrity. Secondary carbon drum leaks? Polishing drum rotated to primary? New carbon placed in secondary? New carbon placed in secondary drum? Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure.	Transfer Pump and Piping		
Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum pressure. Primary carbon drum pressure. Primary carbon drum integrity. Secondary carbon drum integrity. Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon drum leaks? Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum integrity. Polishing carbon drum pressure. Poor No No No Poor No	Pump operational?	Yes	No
Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum pressure. Primary carbon drum rotated to primary? New carbon placed in primary drum? Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum integrity. Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. No Poor Yes No No Poor No Poor No Poor	Pump integrity.		Poor
Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum rotated to primary? New carbon placed in primary drum? Secondary carbon drum leaks? Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum rotated to secondary? No Polishing carbon drum leaks? Polishing carbon drum rotated to secondary? Polishing carbon drum pressure. Polishing carbon drum leaks? Yes No No Poor Poor No Poor Poor Poor Poor Poor Poor Poor Pipe integrity at catch basin. Pipe integrity at creek.	Flow meter operational?	Yes	No
Water filters changed? Filter unit pressure (arrival/departure) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon drum rotated to primary? New carbon placed in primary drum? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon drum leaks? Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing drum rotated to secondary? Poor	Transfer pump flow rate.	4,4	GPM
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum pressure. Primary carbon drum rotated to primary? New carbon placed in primary drum? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum integrity. Secondary carbon drum pressure. Secondary carbon drum pressure. Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon drum leaks? Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing drum rotated to secondary? Poor	Totalizer reading (cumulative volume).	88548	Gallons
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum pressure. Primary carbon drum pressure. Primary carbon drum rotated to primary? New carbon placed in primary drum? Secondary carbon drum integrity. Secondary carbon drum pressure. Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon drum leaks? Polishing drum rotated to secondary? Poor	Water filters changed?	Yes	No
Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon drum rotated to primary? New carbon placed in primary drum? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon drum pressure. Secondary carbon drum leaks? Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum pressure. No No Poor No Poor No Poor No Poor	Filter unit pressure (arrival/departure)	36/16	PSI
Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon drum pressure. Primary carbon drum rotated to primary? New carbon placed in primary drum? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Polishing drum rotated to secondary? Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon drum pressur	Carbon Treatment Drums		
Primary carbon drum pressure. Primary carbon removed for disposal? Secondary carbon drum rotated to primary? New carbon placed in primary drum? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon drum pressure. Secondary carbon drum pressure. Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polis	Primary carbon drum integrity.	Good	Poor
Primary carbon removed for disposal? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum pressure. No Poor No Poor Poor No Poor	Primary carbon drum leaks?	Yes	No
Secondary carbon drum rotated to primary? New carbon placed in primary drum? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon placed in primary drum? Discharge Piping Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek.	Primary carbon drum pressure,	9	PSI
New carbon placed in primary drum? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon	Primary carbon removed for disposal?	Yes	No
Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon drum leaks? Poor Poor No Poor Poor Poor Poor Poor P	Secondary carbon drum rotated to primary?	Yes	No
Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum ressure. Polishing carbon drum ressure. Polishing carbon drum ressure. Polishing carbon drum ressure. Polishing carbon drum yessure. Polishing carbon drum yessure. Polishing carbon placed in primary drum? Pige integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek.	New carbon placed in primary drum?	Yes	H
Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon placed in primary drum? Pige integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pist No No No Poor Poor Poor Poor Poor Poor P	Secondary carbon drum integrity.	Good	Poor
Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum ressure. Polishing carbon drum ressure. Polishing carbon drum ressure. Polishing carbon removed for disposal? New carbon placed in primary drum? Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Poson Poor Poor Poor Poor Poor Poor Poor	Secondary carbon drum leaks?	Yes	No
Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum? Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Poor Pipe integrity at creek. Poor Pipe integrity at creek.	Secondary carbon drum pressure.	31/2	PSI
Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum? Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipo integrity at creek.	Secondary carbon removed for disposal?	Yes	No
Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum? Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Poor	Polishing drum rotated to secondary?	Yes	No
Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum? Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe integrity at creek.	New carbon placed in secondary drum?	Yes	(19)
Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum? Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at catch basin. Pipe integrity at catch basin. Pipe integrity at catch basin. Pipe integrity at catch basin clear? Poor Poor Poor Poor	Polishing carbon drum integrity.	Good	Poor
Polishing carbon removed for disposal? New carbon placed in primary drum? Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe integrity at creek.	Polishing carbon drum leaks?		<400
New carbon placed in primary drum? Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Proor	Polishing carbon drum pressure.	11/2	PSI
Discharge Piping Pipe integrity in shed. Pipe integrity at eatch basin. Pipe at eatch basin clear? Pipe integrity at eatch basin. Pipe integrity at creek. Good Poor Poor	Polishing carbon removed for disposal?	Yes	No
Pipe integrity in shed. Pipe integrity at eatch basin. Pipe at eatch basin clear? Pipe integrity at creek. Pipe integrity at creek. Good Poor Yes No Good Poor	New carbon placed in primary drum?	Yes	No
Pipe integrity at eatch basin. Pipe at eatch basin clear? Pipe integrity at creek. Good Poor Yes No Poor	Discharge Piping		
Pipe at eatch basin clear? Pipe integrity at creek. Pipe integrity at creek. Good Poor	Pipe integrity in shed.	Good	Poor
Pipe integrity at creek. Good Poor	Pipe integrity at catch basin.	Good	Poor
	Pipe at catch basin clear?	Yes	No
Pipe at creek clear? Yes No	1	Good	Poor
	Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable?	Good	Poor No
Repairs/work needed?	Yes	No
Spill evidence?	Yes	(No)
Electrical and Heating		
Electric controls operational	Yes	No
Lieater operational	Yes	No

Site Visit Checklist/Data Sheet

Miscellancous - (Continued)		
Access Vaults	-	
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	6903	Hours
Oil level checked?	(Yes)	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	(Section 1)	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	140
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	(No)

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	£((0)معني	Gallons
DNAPL/water to disposal drum.	125	Gallons
DNAPL/water to oil/water separator.	6	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums		Drums
PPE/Solids drums	Ĝ	Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	K	Arrow
Refill control setting (departure)	12	Arrow
DNAPL Drum		
High level shut off operational?	(Yes)	No
Green warning light operational?	(₹€5)	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	(No)
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	24112	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	₹.8	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	<u>→</u>	Arrow
LNAPL Pump and Piping		:
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(No)
LNAPL top of pump depth.	14	reel
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	No

Technician:_	ART	KOSKIZ	
Date: <u>5</u>	-23 -	08	

<u>Table 4-1</u>

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	4.1	GPM
Totalizer reading (cumulative volume).	890512	Gallons
Water filters changed?	Yes	(No)
Filter unit pressure (arrival/departure)	22/22	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
. Primary carbon drum pressure.	6/2	T'SI
Primary carbon removed for disposal?	Yes	(No)
Secondary carbon drum rotated to primary?	Yes	No
New carbon placed in primary drum?	Yes	NO
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	3	PSI
Secondary carbon removed for disposal?	Yes	(No)
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing earbon drum leaks?	Yes	(No)
Polishing carbon drum pressure.	11/2	PSI
Polishing carbon removed for disposal?	Yes	(No)
New carbon placed in primary drum?	Yes	No
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site Remediation shed integrity.	Good	Poor No
Shed ventilation acceptable? Repairs/work needed?	Yes	No.
Spill evidence?	Yes	CRO_
Electrical and Heating Electric controls operational	Yes	No
Heater operational	Yes	No

Miscellaneous - (Continued)		
Access Vaults Overall vault integrity. Repairs needed to vaults?	Good Yes	Poor
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed? Compressor trap operating?	Yes Yes Yes	No Hours No No
Regulator operating? Air lines performing properly?	Yes	No No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	(NO)

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum.	2	Gallons Gallons
DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	12	Gallons
Recovery from Oil/Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.		Gallons Gallons
Product, Carbon, Waste Storage DNAPL drums on-site (full and fractional) Spent earbon drums		Drums Drums
PPE/Solids drums LNAPL drums	1	Drums Drums
Drums labeled? Drums palletized?	(ES)	No No

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	K	Arrow
Refill control setting (departure)	12	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	3_	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	7	Arrow
*		
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	(No)

Technician: ART	KOSKE	
Date: 5-29	- 08	

<u>Table 4-1</u>

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping Pump operational? Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure)	\$ 1.707 \$ 2.707 \$ 2.707 \$ 2.707 \$ 2.707	No Poor No GPM Gallons No PSI
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon removed for disposal? Secondary carbon drum rotated to primary? New carbon placed in primary drum?	Good Yes B 1/2 Yes Yes	Poor No PSI No No No
Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum? Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum?	Good Yes	
Discharge Piping Pipe integrity in shed. Pipe integrity at eatch basin. Pipe at eatch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good Good Yes Good Yes	Poor Poor No Poor No

8, William		<u> </u>
Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes Yes	Poor No No No
Electrical and Heating Electric controls operational Heater operational	Yes	No No

Miscellaneous - (Continued)		
Access Vaults Overall vault integrity. Repairs needed to vaults?	Good	Poor
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	YCS (CS) (CS) (CS) (CS) (CS) (CS) (CS) (C	No Hours No No No No

Sampling		
Primary carbon influent sampled?	Yes No	
Primary carbon effluent sampled?	Yes No	
Secondary carbon effluent sampled?	Yes No	- 1
Compliance event?	Yes No	- 1
Time sampled.	9:05 (a.m.)p	.m.
Product sampled?	Yes No	2

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.)	Gallons
DNAPL/water to disposal drum.	a125	Gallons
DNAPL/water to oil/water separator.	7	Gallons
Recovery from Oil/Water Separator	·	
Pure DNAPL to disposal drum.	~	Gallons
DNAPL/water to disposal drum.	-	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums	****	Drums
PPE/Solids drums	j	Drums
LNAPL drums	i	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

<u>Table 4-1</u>

Site Visit Checklist/Data Sheet

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	40	PSI
DNAPL pump pressure (departure)	40	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)	K	Arrow
DNAPL Drum		
High level shut off operational?	Yes	, No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	24/2	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	3.2	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	→	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet .
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Ves	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	No

Technician:_	ART	KOSK	'C	
Date:	0-3-	୦୫	41 N	

LNAPL/Groundwater System - (Continued)	
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3-1	GPM
Totalizer reading (cumulative volume).	89613	7 Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	32/16	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	9	PSI
Primary carbon removed for disposal?	Yes	No
Secondary carbon drum rotated to primary?	Yes	No
New carbon placed in primary drum?	Yes	No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	31/2	PSI
Secondary carbon removed for disposal?	Yes	No
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	172	PSI
Polishing carbon removed for disposal?	Yes	(No)
New carbon placed in primary drum?	Yes	No
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at eatch basin.	Good	Poor
Pipe at catch basin clear?	Ves	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site		
Remediation shed integrity.	Good	Poor
Shed ventilation acceptable?	(Yes)	No
Repairs/work needed?	Yes	(No)
Spill evidence?	Yes	No
Electrical and Heating		1
Electric controls operational	Yes	No
Heater operational	Yes	No

Miscellaneous - (Continued)		
Access Vaults Overall vault integrity. Repairs needed to vaults?	Good Yes	Poor
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	\(\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	No Hours No No No No

15.4		
Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	.12-5	Gallons
DNAPL/water to oil/water separator.	-5	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	7	Drums
Spent carbon drums	7	Drums
PPE/Solids drums	1	Drums
LNAPL drums	1	Drums
Drums labeled?	(Tes)	No
Drums palletized?	Ces	No .

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)	K	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No)
DNAPL top of pump depth.	24/2	Feet

LNAPL/Groundwater System		
Operational upon arrival? LNAPL pump pressure (arrival)	Yes	No PSI
LNAPL pump pressure (departure)	70	PSI
Bubbler tube operating pressure.	30	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	*	Arron
Refill control setting (departure)	→	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(No)
LNAPL top of pump depth.	14	Feet
Oil/Water Separator	_	
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	(No

Technician:	ART KOSKIZ	
Date:	10-19-08	

Crunia I		
LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	ر ا	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	- No
Transfer pump flow rate.	4.6	GPM
Totalizer reading (cumulative volume).	996-18	O Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	30/12	PSI
<u>Carbon Treatment Drums</u>		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	
Primary carbon drum pressure.	542	PSI
Primary carbon removed for disposal?	Yes	No
Secondary carbon drum rotated to primary?	Yes	(O)
New carbon placed in primary drum?	Yes	250
Secondary earbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(6)
Secondary carbon drum pressure.	21/2	PSI
Secondary carbon removed for disposal?	Yes	(No)
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	$\langle N_0 \rangle$
Polishing carbon drum pressure.	ľ	PSI
Polishing carbon removed for disposal?	Yes	
New carbon placed in primary drum?	Yes	M
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at eatch basin.	Good	Poor
Pipe at catch basin clear?	YES	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed?	Good Yes Yes	Poor No
Spill evidence? Electrical and Heating Electric controls operational Heater operational	Yes Yes	No No

Miscellaneous - (Continued)	
Access Vaults Overall vault integrity. Repairs needed to vaults?	Good Poor Yes No
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	Yes No 11ours No Yes No Yes No Yes No Yes No No No No

Sampling		
Primary carbon influent sampled?	Yes	(No)
Primary carbon effluent sampled?	Yes	(NO)
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal	,	
Recovery from DNAPL Drum		G-W
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	• 3	Gallons
DNAPL/water to oil/water separator.	13	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	-	Gallons
DNAPL/water to disposal drum.	-125	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums	(Drums
PPE/Solids drums	1	Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	40	PSI
DNAPL pump pressure (departure)	40	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)	R	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Q _{ES}	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	24/12	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	-3	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	->	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Yes)	No
White warning light operational?	(CE)	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	N
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?		No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	\bigcirc

Technician:	ART	KOSKE	
Date: 💪	-26 -0	(8)	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	SYcs.	No
Pump integrity.	Good	Poor
Flow meter operational?	(Ves	No
Transfer pump flow rate.	4.0	GPM
Totalizer reading (cumulative volume).	916736	Gallons
Water filters changed?	Yes	(No
Filter unit pressure (arrival/departure)	20/20	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	617	PSI
Primary carbon removed for disposal?	Yes	No
Secondary carbon drum rotated to primary?	Yes	No
New carbon placed in primary drum?	Yes	No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(No
Secondary carbon drum pressure.	3	PSI
Secondary carbon removed for disposal?	Yes	No
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.		PSI
Polishing carbon removed for disposal?	Yes	No
New carbon placed in primary drum?	Yes	No
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational	Yes	No No

Miscellaneous - (Continued)	,	
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
Air Compressor		
		١., ١
Compressor operational?	<u> </u>	No
Compressor hours.	7126	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	res	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	140
Secondary carbon effluent sampled?	Yes	
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	425	Gallons
DNAPL/water to oil/water separator.	6	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	.125	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums	1	Drums
PPE/Solids drums		Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No
Drums palletized?	res	No

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	40	PSI
DNAPL pump pressure (departure)	40	PSI
Pneumatic settings adjusted?	Yes	2417
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	Z	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	(No)
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	(No)
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes)	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	3	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	→	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?		No
Separator needs cleaning?	Yes	Na
Separator cleaned?	Yes	No

Technician:	ART	KOSKE	
Date: 6 ~	30-0	8	

<u>Table 4-1</u>

·		
LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	TES	No
Transfer pump flow rate.	3.5	GPM
Totalizer reading (cumulative volume).	913342	Gallons
Water filters changed?	Yeş	No
Filter unit pressure (arrival/departure)	26/26	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary earbon drum pressure.	3	PSI
Primary carbon removed for disposal?	Yes	No
Secondary carbon drum rotated to primary?	Yes	(No)
New carbon placed in primary drum?	Yes	®
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	2	PSI
Secondary carbon removed for disposal?	Yes	No
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.		rsi
Polishing carbon removed for disposal?	Yes	No
New carbon placed in primary drum?	Yes	(
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at eatch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational	Yes Yes	No No

Site Visit Checklist/Data Sheet

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(NO)
	Ì	
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	7144	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	(NO
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

15%	
Sampling	
Primary carbon influent sampled?	Yes No
Primary carbon effluent sampled?	Yes No
Secondary carbon effluent sampled?	Yes No
Compliance event?	Yes No
Time sampled.	9:15 a.m/p.m.
Product sampled?	Yes No

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	125	Gallons Gallons Gallons
Recovery from Oil/Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.		Gallons Gallons
Product, Carbon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums		Drums Drums Drums Drums
Drums labeled? Drums palletized?	Yes	No No

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	40	PSI
DNAPL pump pressure (departure)	40	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	<u></u>	Arrow
DNAPL Drum		
High level shut off operational?	€S)	No
Green warning light operational?	(Yes)	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	
DNAPL top of pump depth.	24/2	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	3	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	个	Arrow
Refill control setting (departure)	<u>→</u>	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Ves	No
Separator needs cleaning?	(Yes)	No
Separator cleaned?	Yes	No

Technician:	ART	KOSKR
Date:	-8-0	8

F		
LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	(Yes)	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	グロ	GPM
Totalizer reading (cumulative volume).	2	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	34/16	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor_
Primary carbon drum leaks?	Yes	, X
Primary carbon drum pressure.	912	PSI
Primary carbon removed for disposal?	Yes	No
Secondary carbon drum rotated to primary?	Yes	No
New carbon placed in primary drum?	Yes	No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	33/2	PSI
Secondary carbon removed for disposal?	Yes	(No)
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	147	PSI
Polishing carbon removed for disposal?	Yes	(No)
New carbon placed in primary drum?	Yes	No
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at eatch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes	Poor No
Electrical and Heating Electric controls operational Heater operational	Yes	No No

Miscellancous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
	as a g	
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	7154	Hours
Oil level checked?	(Yes)	No
Oil level changed?	Yes	(No.)
Compressor trap operating?	(es)	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	B
Primary carbon effluent sampled?	Yes	
Secondary carbon effluent sampled?	Yes	
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	125	Gallons
DNAPL/water to oil/water separator.	24	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	-	Gallons
DNAPL/water to disposal drum.	-	Gallons
•		
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	ı	Drums
Spent carbon drums		Drums
PPE/Solids drums	1	Drums
LNAPL drums	Ť	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Notes: REPLACED BATTURIES
IN FLOW METER
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DNAPL System		·
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	40	PSI
DNAPL pump pressure (departure)	40	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	K	Arrow
Refill control setting (departure)	14	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No -
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	(No)
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	\$	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	→	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(No)
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good)	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	(No)

Technician:	ART	KOEKE	
Date:	1-18-	8	

<u>Table 4-1</u>

LNAPL/Groundwater System - (Continued) Transfer Pump and Piping	
Transfer I ump una riping	
Pump operational?	No
Pump integrity. Good	Poor
Flow meter operational?	No
Transfer pump flow rate.	GPM
Totalizer reading (cumulative volume).	Gallons
Water filters changed? Yes	No
Filter unit pressure (arrival/departure)	PSI
The unit pressure (universe parture)	
Carbon Treatment Drums	
Primary carbon drum integrity. Good	Poor
Primary carbon drum leaks?	(No)
Primary earbon drum pressure. 672	PSI
Primary carbon removed for disposal?	No
Secondary carbon drum rotated to primary? Yes	No
New carbon placed in primary drum? Yes	No
Test carron placed in primary drain.	
Secondary carbon drum integrity.	Poor
Secondary carbon drum leaks? Yes	No
Secondary carbon drum pressure.	PSI
Secondary carbon removed for disposal? Yes	(No)
Polishing drum rotated to secondary? Yes	No
New carbon placed in secondary drum? Yes	No
Polishing carbon drum integrity. Good	Poor
Polishing carbon drum leaks?	(No)
Polishing carbon drum pressure.	PŠI
Polishing carbon removed for disposal? Yes	(No)
New carbon placed in primary drum? Yes	No
Discharge Piping	
Pipe integrity in shed.	Poor
Pipe integrity at eatch basin.	Poor
Pipe at catch basin clear?	No
Pipe integrity at creek.	Poor
Pipe at creek clear?	No

Miscellaneous		
Building and Site Remediation shed integrity.	Good	Poor
Shed ventilation acceptable? Repairs/work needed?	Yes	No
Spill evidence?	Yes	No
Electrical and Heating		
Electric controls operational	Yes	No
Heater operational	Yes	No

Site Visit Checklist/Data Sheet

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
Air Compressor		
Compressor operational?	(Yes)	No
Compressor hours.	7175	Hours
Oil level checked?	(Yes)	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	(Yes)	No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	(No.

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	-	Gallons
DNAPL/water to disposal drum.	.25	Gallons
DNAPL/water to oil/water separator.	14	Gallons
D 6 01/11/2 0		
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	125	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	7	Drums
Spent carbon drums	-	Drums
PPE/Solids drums	1	Drums
LNAPL drums	1	Drums
Drums labeled?	(CS)	No
Drums palletized?	Yes	No

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	40	PSI
DNAPL pump pressure (departure)	40	PSI
Pneumatic settings adjusted?	Yes	(MO)
Discharge control setting (departure)	~	Arrow
Refill control setting (departure)	K	Arrow
DNAPL Drum High level shut off operational? Green warning light operational? DNAPL drum container integrity. Leaks present? Decant valve integrity.	Ves Ves Ves Good Ves	No No Poor No Poor
DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned? DNAPL top of pump depth.	Good Yes Zu'/2	Poor No Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	3	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	->	Arrow
LNAPL Pump and Piping LNAPL piping integrity. LNAPL pump cleaned?	Good Yes	Poor
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	res	No
Separator cleaned?	Yes	₹ ₀

Technician:	ART	KOSKE	
Date: "7	230 = 0	Q	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	2.7	GPM
Totalizer reading (cumulative volume).	9403	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	30	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	2.5	PSI
Primary carbon removed for disposal?	Yes	No
Secondary carbon drum rotated to primary?	Yes	(A)
New carbon placed in primary drum?	Yes	60
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	\bigcirc
Secondary carbon drum pressure.		PSI
Secondary carbon removed for disposal?	Yes	₹ <u>40</u>
Polishing drum rotated to secondary?	Yes	(10)
New carbon placed in secondary drum?	Yes	S
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	6 40
Polishing carbon drum pressure.	0	PSI
Polishing carbon removed for disposal?	Yes	No
New carbon placed in primary drum?	Yes	(d)
<u>Discharge Piping</u>		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	₹₹\$	No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational	Yes Yes	No No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	
Air Compressor		
:Compressor operational?	Yes	No
Compressor hours.	7231	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	©
Compressor trap operating?	(Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Cres	No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	No
Time sampled.	14:00	a.m (p.m.)
Product sampled?	Yes	(No S

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	1000000	Gallons
DNAPL/water to disposal drum.	125	Gallons
DNAPL/water to oil/water separator.	10	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	t-responden	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums		Drums
PPE/Solids drums	1	Drums
LNAPL drums	ť	Drums
Drums labeled?	Yes	No
Drums palletized?	Tes	No

<u>Table 4-1</u>

Site Visit Checklist/Data Sheet

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	40	PSI
DNAPL pump pressure (departure)	40	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)		Arrow
DNAPL Drum		
High level shut off operational?	YES	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System		9313
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	-30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	3	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	7	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Yes)	No
White warning light operational?	Yes	No
Separator vessel integrity.	(500d)	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	(Me)

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LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3,8	GPM
Totalizer reading (cumulative volume).	14817	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	30/14	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	10	PSI
Primary carbon removed for disposal?	Yes	No
Secondary carbon drum rotated to primary?	Yes	No
New carbon placed in primary drum?	Yes	₹ 1
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	.3	PSI
Secondary carbon removed for disposal?	Yes	No
Polishing drum rotated to secondary?	Yes	N
New carbon placed in secondary drum?	Yes	No.
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	(No)
Polishing carbon drum pressure.	11/2	PSI
Polishing carbon removed for disposal?	Yes	(No)
New carbon placed in primary drum?	Yes	®
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed?	Good Yes Yes	Poor No
Spill evidence? Electrical and Heating Electric controls operational Heater operational	Yes Yes	No No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	
Air Compressor		
Compressor operational?	(Yes)	No
Compressor hours.	7291	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	(140)
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	# 185°	Gallons
DNAPL/water to disposal drum.	0125	Gallons
DNAPL/water to oil/water separator.	9	Gallons
Recovery from Oil/Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.		Gallons Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums		Drums
PPE/Solids drums	1	Drums
LNAPL drums	/	Drums
Drums labeled?	Yes	No
Drums palletized?	res	No

<u>Table 4-1</u>

Site Visit Checklist/Data Sheet

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	472	PSI
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	K	Arrow
Refill control setting (departure)	K	Arrow
DNAPL Drum High level shut off operational? Green warning light operational? DNAPL drum container integrity. Leaks present? Decant valve integrity.	Yes Yes Good Yes Good	No No Poor No Poor
DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned? DNAPL top of pump depth.	Good Yes Z4 1/2	Poor No Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	_3_	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)		Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	(Yes)	No
Separator cleaned?	Yes	No

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LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping Pump operational? Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure)	(Yes) (Good) (Yes) 1.9 23331 (Yes) 34/14	No Poor No GPM Gallons No PSI
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon removed for disposal? Secondary carbon drum rotated to primary? New carbon placed in primary drum?	Good Yes /O.5 Yes Yes Yes	Poor No PSI No No No No
Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum?	Good Yes Yes Yes Yes	Poor No PSI No
Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum?	Yes Yes Yes	Poor No PSI No No
Discharge Piping Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good Good Yes Good Yes	Poor Poor No Poor No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational		No No

Miscellaneous - (Continued)		
Access Vaults Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
<u>Air Compressor</u>		
Compressor operational?	Yes	No
Compressor hours.	7362	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	(No)
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	_	Gallons
DNAPL/water to disposal drum.	.5	Gallons
DNAPL/water to oil/water separator.	14	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	_	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums	_	Drums
PPE/Solids drums	1	Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	40	PSI
DNAPL pump pressure (departure)	40	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	-	Arrow
Refill control setting (departure)	K	Arrow
DNAPL Drum High level shut off operational? Green warning light operational? DNAPL drum container integrity. Leaks present? Decant valve integrity.	Yes Good	No No Poor No Poor
DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned? DNAPL top of pump depth.	Good Yes 241/2	Poor No Feet

LNAPL/Groundwater System		
Operational upon arrival?	(es)	No
LNAPL pump pressure (arrival)	उठ	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	3	PSI
Pneumatic settings adjusted?	Yes	(NO)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	→	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(No)
LNAPL top of pump depth.	1 34	Feet
<u>Oil/Water Separator</u>		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	(No)
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	(Good	Poor
LNAPL in separator?	Yes	(No)
Separator needs cleaning?	(Yes)	No
Separator cleaned?	Yes	(No)

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Date: _ 9 ~	16-08	3

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	2.7	GPM
Totalizer reading (cumulative volume).	3905	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	30/12	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No)
Primary carbon drum pressure.	8	PSI
Primary carbon removed for disposal?	Yes	No
Secondary carbon drum rotated to primary?	Yes	No
New carbon placed in primary drum?	Yes	(No)
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	7	PSI
Secondary carbon removed for disposal?	Yes	(No)
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	112	PSI
Polishing carbon removed for disposal?	Yes	No
New carbon placed in primary drum?	Yes	No
· · · · · · · · · · · · · · · · · · ·		the same
<u>Discharge Piping</u>		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Tes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site	Print.	_
Remediation shed integrity.	(Good	Poor
Shed ventilation acceptable?	(Yes)	No
Repairs/work needed?	Yes	(No)
Spill evidence?	Yes	(No)
Floring and House		
Electrical and Heating		
Electric controls operational	Yes	No
Heater operational	Yes	No

Miscellaneous - (Continued)	
Access Vaults	
Overall vault integrity.	Good Poor
Repairs needed to vaults?	Yes No
Air Compressor	
Compressor operational?	Yes No
Compressor hours.	7448 Hours
Oil level checked?	Yes No
Oil level changed?	Yes No
Compressor trap operating?	Yes No
Regulator operating?	Yes No
Air lines performing properly?	Yes No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	710
Time sampled.		a.ifi./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	-	Gallons
DNAPL/water to disposal drum.	1/2	Gallons
DNAPL/water to oil/water separator.	23	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	-	Gallons
Park of Calam Warts Grand		
Product, Carbon, Waste Storage		_
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums		Drums
PPE/Solids drums	1	Drums
LNAPL drums	ı	Drums
Drums labeled?	(Yes)	No
Drums palletized?	(Yes)	No

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	K	Arrow
Refill control setting (departure)	12	Arrow
DNAPL Drum		-
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	36	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	3	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	\rightarrow	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
Oil/Water Separator	İ	
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	(No)

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Date: 9-29-	08

<u>Table 4-1</u>

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3.1	GPM
Totalizer reading (cumulative volume).	44211	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	14/14	PSI
Carbon Treatment Drums	į	
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(140)
Primary carbon drum pressure.	7	PSI
Primary carbon removed for disposal?	Yes	(No)
Secondary carbon drum rotated to primary?	Yes	(98)
New carbon placed in primary drum?	Yes	()
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	2	PSI
Secondary carbon removed for disposal?	Yes	No
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	1/2	PSI
Polishing carbon removed for disposal?	Yes	(NO)
New carbon placed in primary drum?	Yes	40
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No
	<i>i</i>	

Building and Site		
Remediation shed integrity.	Good	Poor
Shed ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	No
Spill evidence?	Yes	No
en en en en en en en en en en en en en e		
Electrical and Heating	_	l l
Electric controls operational	Yes	No
Heater operational	Yes	No

Site Visit Checklist/Data Sheet

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
<u>Air Compressor</u>	_	
Compressor operational?	Yes	No
Compressor hours.	7510	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	1 (10)
Time sampled.		a.m./p.m.
Product sampled?	Yes	

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	075	Gallons
DNAPL/water to oil/water separator.	12	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	:22	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	¥	Drums
Spent carbon drums		Drums
PPE/Solids drums	Y	Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	N.	Arrow
Refill control setting (departure)	Z	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
*Green warning light operational?	Tes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	100
DNAPL top of pump depth.	241/2	Feet

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LNAPL/Groundwater System		
Operational upon arrival?	(Yes)	No
LNAPL pump pressure (arrival)	-30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	_3	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	→	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	165	L No
ENATE top of pump depth.	172	reet
<u>Oil/Water Separator</u>		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	(No)

Techniciar	1: ART	KOSKE	
Date: /	0-10-0	08	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping Pump operational? Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit pressure (arrival/departure)	24/0 24/0	No Poor No GPM Gallons No PSI
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary carbon removed for disposal? Secondary carbon drum rotated to primary? New carbon placed in primary drum?	Good Yes 3 7 7 Yes Yes Yes	Poor No PSI No No
Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon removed for disposal? Polishing drum rotated to secondary? New carbon placed in secondary drum?	Good Yes Z'12 Yes Yes Yes	Poor No PSI No No
Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure. Polishing carbon removed for disposal? New carbon placed in primary drum?	Good Yes Yes Yes	Poor No PSI No No
Discharge Piping Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?		Poor Poor No Poor No

Miscellaneous		
Building and Site		
Remediation shed integrity.	Good	Poor
Shed ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	(0/1)
Spill evidence?	Yes	
Electrical and Heating	1_	
Electric controls operational	(Yes)	No
Heater operational	Yes	No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	755 Ce	Hours
Oil level checked?	(es)	No
Oil level changed?	Yes	(N_0)
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	(No)
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	No
Time sampled,		a.m./p.m.
Product sampled?	Yes	(No)

Recovery and Disposal		La range de la composition de la composition de la composition de la composition de la composition de la compo
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	0125	Gallons
DNAPL/water to oil/water separator.	24	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	,	Gallons
DNAPL/water to disposal drum.	_	Gallons
		(1) (1)
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums		Drums
PPE/Solids drums	1	Drums
LNAPL drums		Drums
Drums labeled?	Yes	No
Drums palletized?	res	No

Notes: REPLACED PRIMARY CARBON

<u>Table 4-1</u>

Site Visit Checklist/Data Sheet

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	40	PSI
DNAPL pump pressure (departure)	40	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	2	Arrow
DNAPL Drum High level shut off operational? Green warning light operational?	Yes	No No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	(No)
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	~3	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	→	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
<u>Oil/Water Separator</u>		
Water high level shut-off operational?	(Tes)	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	No

Technician:_	ART	KOSKE	
Date: 10	-15-0	58	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	4.4	GPM
Totalizer reading (cumulative volume).	47877	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	12/12	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	Li	PSI
Primary carbon removed for disposal?	Yes	(NO)
Secondary carbon drum rotated to primary?	Yes	No
New carbon placed in primary drum?	Yes	100
New carbon praced in printary druin.	103	000
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	NO
Secondary carbon drum pressure.	.3	PSI
Secondary carbon removed for disposal?	Yes	(No)
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	No
Polishing carbon drawn integrity	(Good)	Poor
Polishing carbon drum integrity. Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	168	PSI
Polishing carbon removed for disposal?	Yes	No
New carbon placed in primary drum?	yes Yes	No
New carbon praced in primary drum?	res	(NO)
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site		
Remediation shed integrity.	Good	Poor
Shed ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	No
Spill evidence?	Yes	(M)
Electrical and Heating		
Electric controls operational	Yes	No
Heater operational	Yes	No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good)	Poor
Repairs needed to vaults?	Yes	No
<u>Air Compressor</u>		
Compressor operational?	Yes	No
Compressor hours.	7584	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	(No)
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	No
Secondary carbon effluent sampled?	Yes	140
Compliance event?	Yes	- FFF
Time sampled.		a.m ./p. m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	0125	Gallons
DNAPL/water to oil/water separator.	_3_	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	•	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums	ı	Drums
PPE/Solids drums	1	Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

<u>Table 4-1</u>

Site Visit Checklist/Data Sheet

DNAPL System	,	
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	K	Arrow
DNAPL Drum High level shut off operational? Green warning light operational? DNAPL drum container integrity. Leaks present? Decant valve integrity.	Yes Yes Good Yes	No No Poor No Poor
DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned? DNAPL top of pump depth.	Good Yes Z4 1/2	Poor No Feet

LNAPL/Groundwater System		24 2 C 44 C 8
**************************************	163	NT-
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	3	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	→	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14	Feet
<u>Oil/Water Separator</u>		
Water high level shut-off operational?	(Yes)	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	Mo

Technician:_	ART	KOSKR	
Date:_ / 0	- 22 -	08	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	4.0	GPM
Totalizer reading (cumulative volume).	53254	Gallons
Water filters changed?	Yes)	No
Filter unit pressure (arrival/departure)	40/10	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	3	PSI
Primary carbon removed for disposal?	Yes	No
Secondary carbon drum rotated to primary?	Yes	No
New carbon placed in primary drum?	Yes	No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	3	PSI
Secondary carbon removed for disposal?	Yes	No
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	Ŋ	PSI
Polishing carbon removed for disposal?	Yes	No
New carbon placed in primary drum?	Yes	No
<u>Discharge Piping</u>		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	(Good)	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational	Yes Yes	No No

Miscellaneous - (Continued)		
Access Vaults Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	7622	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

		8.5 PK 4.1 - N 88.7
Sampling	114. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Primary carbon influent sampled?	Yes	(NO)
Primary carbon effluent sampled?	Yes	(Max
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	(No)
Time sampled.		a.m./p.m.
Product sampled?	Yes	(No)

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	.125	Gallons
DNAPL/water to oil/water separator.	17	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	-	Gallons
DNAPL/water to disposal drum.	-	Gallons
No. 14 T		
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums	1	Drums
PPE/Solids drums	1	Drums
LNAPL drums	1	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	K	Arrow
Refill control setting (departure)	K	Arrow
DNAPL Drum	ŀ	
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
		·
DNAPL Pump and Piping	1	
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	241/2	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	લ્ડ	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	个	Arrow
Refill control setting (departure)	→	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	74	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	No

Technician:_	ART	KOSKE	
Date:	1-7-0	8	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	(es)	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3.2	GPM
Totalizer reading (cumulative volume).	67079	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	20/20	PSI
Carbon Treatment Drums		_
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	
Primary carbon drum pressure.	4	PSI
Primary carbon removed for disposal?	Yes	No
Secondary carbon drum rotated to primary?	Yes	No
New carbon placed in primary drum?	Yes	CNO.
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	7	PSI
Secondary carbon removed for disposal?	Yes	No
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	100
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	•	PSI
Polishing carbon removed for disposal?	Yes	No
New carbon placed in primary drum?	Yes	N_0
Discharge Piping		_
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	400	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	res	No

Miscellaneous		
Building and Site		
Remediation shed integrity.	Good	Poor
Shed ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	B
Spill evidence?	Yes	No
Electrical and Heating		
Electric controls operational	(Yes	No
Heater operational	Yes	No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	440
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	7714	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling	San San San San San San San San San San	
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	NO
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	(No)
Time sampled.		a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	-125	Gallons
DNAPL/water to oil/water separator.	14	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	-	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage	,	
DNAPL drums on-site (full and fractional)	i	Drums
Spent carbon drums	i	Drums
PPE/Solids drums	i	Drums
LNAPL drums	í	Drums
Drums labeled?	Yes	No
Drums palletized?	Zes Tes	No

COMPRESSOR AUTO DRAIN WAS LEAKING, EIXED WITH SOME OLD PARTS, NEED TO UZDER REBUILD KIT.

Table 4-1

Site Visit Checklist/Data Sheet

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	42	PSI
DNAPL pump pressure (departure)	47	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	K	Arrow
Refill control setting (departure)	K	Arrow
		54
DNAPL Drum		·
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	2412	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	3	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	_ →	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No)
LNAPL top of pump depth.	14	Feet
Older	ļ	
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	(No)
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	₩
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	(Yes)	No
Separator cleaned?	Yes	(No)

Technician	ART	KOS	KC
Data:	7 - 6 -		

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	4.3	GPM
Totalizer reading (cumulative volume).	69418	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	35/14	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	NO
Primary carbon drum pressure.	9	PSI
Primary carbon removed for disposal?	Yes	(No)
Secondary carbon drum rotated to primary?	Yes	(100)
New carbon placed in primary drum?	Yes	No
• • •		
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	4	PSI
Secondary carbon removed for disposal?	Yes	(No)
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	(NO)
Polishing carbon drum pressure.	2	PSI
Polishing carbon removed for disposal?	Yes	NO
New carbon placed in primary drum?	Yes	No
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site		
Remediation shed integrity.	Good	Poor
Shed ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	No
Spill evidence?	Yes	No
Electrical and Heating		
Electric controls operational	Yes	No
Heater operational	Yes	No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(NO)
	1	
<u>Air Compressor</u>		
Compressor operational?	Yes	No
Compressor hours.	7903	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	(No)
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	No
Time sampled.		a.m./p.m.
Product sampled?	Yes	(NO)

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
DNAPL/water to oil/water separator.	47	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		į.
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums		Drums
PPE/Solids drums	1	Drums
LNAPL drums	ı	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Notes: REPLACED LMAPL WARNING LIGHT BULB.

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	-12	PSI
DNAPL pump pressure (departure)	42	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)		Arrow
Refill control setting (departure)	12	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	(Good)	Poor
	5	ĺ
DNAPL Pump and Piping	}	
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	2412	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	35	PSI
LNAPL pump pressure (departure)	35	PSI
Bubbler tube operating pressure.	_3_	PSI
Pneumatic settings adjusted?	Yes	₩ <u>0</u>
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	→	Arrow
LNAPL Pump and Piping LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(No)
LNAPL top of pump depth.	14	Feet
<u>Oil/Water Separator</u>		
Water high level shut-off operational?	Yes	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	(No)
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	No

Technician:	AZT	KOSKE

Date: 17-17-08

<u>Table 4-1</u>

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3.8	GPM
Totalizer reading (cumulative volume).	72066	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	40/12	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	60	PSI
Primary carbon removed for disposal?	Yes	(No)
Secondary carbon drum rotated to primary?	Yes	No
New carbon placed in primary drum?	Yes	₹ <u>₹</u> 0
Secondary carbon drum integrity.	(Good)	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	3	PSI
Secondary carbon removed for disposal?	Yes	(No)
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.		PSI
Polishing carbon removed for disposal?	Yes	(No)
New carbon placed in primary drum?	Yes	No
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site		
Remediation shed integrity.	Good	Poor
Shed ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	(No.)
Spill evidence?	Yes	No
Electrical and Heating		
Electric controls operational	(Yes)	No
Heater operational	Yes	No

Site Visit Checklist/Data Sheet

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	A40
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	7954	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	(ON
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	(
Secondary carbon effluent sampled?	Yes	No
Compliance event?	Yes	No
Time sampled.	11130	a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	, i25	Gallons
DNAPL/water to oil/water separator.	17	Gallons
Section 1		
Recovery from Oil/Water Separator	ł	
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums		Drums
PPE/Solids drums	1	Drums
LNAPL drums		Drums
Drums labeled?	(Yes)	No
Drums palletized?	Yes	No