FORMER GASTOWN MGP SITE SITE NO. 915171

2012 SITE VISIT CHECKLISTS FOR THE GROUNDWATER COLLECTION & TREATMENT SYSTEM

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7	21	NA	4.	1
	aL	ηt	-	- 1
			-	

Operational upon arrival?	Yes	(N)
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Arrow
Green warning light operational?	Yes	No
High level shut off operational?	Yes	160
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
	(4)	
DNAPL Pump and Piping		
DNAPL Pump and Piping DNAPL piping integrity.	Good	Poor
	Good Yes	Poor No

Operational upon arrival?	Yes	60
LNAPL pump pressure (arrival)		PSI
LNAPL pump pressure (departure)		PSI
Bubbler tube operating pressure.		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Arrow
LNAPL pump cleaned?	Yes	No
LNAPL Pump and Piping		
	Yes	
LNAPL top of pump depth.		Feet
Oll Water Samuel		
Oil/Water Separator Water high level shut-off operational?	₹es,	No
Red warning light operational?	(Ye)	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	(Bla,
Separator cover and seal integrity.	Good	1001
Decant valve integrity.	G004	Poor
LNAPL in separator?	Yes	SVO
Separator needs cleaning?	Yes	619
	Yes	-

Technician:_	D. 0 Juli 169
Date: G/25	112

LNAPL/Groundwater System - (Continue	d)	
Transfer Pump and Piping		, i
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	¥6s	No
Transfer pump flow rate.	1.74	GPM
Totalizer reading (cumulative volume).	117764	Gallons
Water filters changed?	YES	No
Filter unit 1 pressure @ Arrival (In/Out)		
Filter unit 2 pressure @ Arrival (In /Out)		
Filter unit 1 pressure @ Departure (In/Out)	C	7-5
Filter unit 2 pressure @ Departure (In/Out)	8	7
Carbon Treatment Drums		
Primary carbon drum integrity.	600g	Poor
Primary carbon drum leaks?	Yes	(16)
Primary carbon drum pressure.	6	PSI
Primary drum removed for disposal?	Yes	40
Secondary carbon drum integrity.	GOOD	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	(D)
Polishing carbon drum integrity.	0000	Poor
Polishing carbon drum leaks?	Yes	NO
Polishing carbon drum pressure.	l l	PSI
Polishing drum rotated to secondaryl?	Yes	AD)
New carbon polishing 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.	Goéd	Poor
THE TREUTING ALCIECK.	COOL	POUL

Good	Poor
Yes	(No>
(Yes)	No
Yes	NO
	Yes (Yes)

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.		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		
Sampling Performed?	Yes	-140
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

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

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	N ₉
Discharge control setting (departure)	->	Arrow
Refill control setting (departure)	-7	Arrow
DNAPL drum container integrity.	Good	Poor
Green warning light operational?	Yes	No
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		*
	Good	Poor
DNAPL piping integrity.		-55
DNAPL piping integrity. DNAPL pump cleaned?	Yes	(NO)

Operational upon arrival?	Yes	(NO)
LNAPL pump pressure (arrival)	_	PSI
LNAPL pump pressure (departure)	10	PSI
Bubbler tube operating pressure.	7	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	A	Arrow
Refill control setting (departure)	7	Arrow
LNAPL Pump and Piping LNAPL piping integrity.	Geed	Poor
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(No)
LNAPL top of pump depth.		Feet
Oil/Water Separator		*
Water high level shut-off operational?	Yes	No
Red 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:	BMiller.
Date:	1-13-12

Transfer Pump and Piping	d)	
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	1.61	GPM
Totalizer reading (cumulative volume).	123680	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	23	4.5
Filter unit 2 pressure @ Arrival (In /Out)	b	4.5
Filter unit 1 pressure @ Departure (In/Out)	33	7,5
Filter unit 2 pressure @ Departure (In/Out)	9	7
Carbon Treatment Drums		
Primary carbon drum integrity.	(Good)	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	6	PSI
Primary drum removed for disposal?	Yes	(No)
Secondary carbon drum integrity.	Good	Poor
	Yes	CNS
Secondary carbon drum leaks?	2	PSI
Secondary carbon drum pressure.	Yes	(No)
Secondary carbon rotated to primary?	Tes	CNO
Polishing carbon drum integrity.	(Good)	Poor
Polishing carbon drum leaks?	Yes	(NO)
Polishing carbon drum pressure.	1	PSI
Polishing drum rotated to secondaryl?	Yes	No
New carbon polishing 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
	1	

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.	(Good)	Poor
Repairs needed to vaults?	Yes	(NO)
Air Compressor		
Compressor operational?	(Yes)	No
Compressor hours.	10376,7	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

(No

Quarterly

Yes

Monthly

Yes

Sampling

Sampling Performed?
Post Carbon Sample Time
Pre-Carbon Sample Time
Sampling event?

Product sampled?

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
Product, Carbon, Waste Storage		4
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums	J	Drums
PPE/Solids drums	1/1	Drums
LNAPL drums	1	Drums
Drums labeled?	(Yes)	No
	Yes	No

Notes:	Αα	Leales	ans	Restart
DNA	PL +	LNA	A	Systems

Yes

20

20

Yes -7

-7

Yes

Good

Yes

Good

Good

Yes

No

PSI

PSI (No)

Arrow

Arrow

No

No

Poor

No

Poor

Poor

(No)

Feet

DNAPL System

DNAPL Drum

Leaks present?

Decant valve integrity.

DNAPL Pump and Piping

DNAPL piping integrity.

DNAPL pump cleaned?

DNAPL top of pump depth.

Operational upon arrival?

DNAPL pump pressure (arrival)

Refill control setting (departure)

High level shut off operational?

Green warning light operational?

DNAPL drum container integrity.

Pneumatic settings adjusted?

DNAPL pump pressure (departure)

Discharge control setting (departure)

Table 4-1

Secondary carbon rotated to primary?

Polishing carbon drum integrity.

Polishing carbon drum pressure.

Polishing drum rotated to secondaryl?

Polishing carbon drum leaks?

New carbon polishing drum?

Discharge Piping

Pipe integrity in shed.

LNAPL/Groundwater System - (Continue	d)		Mis
Transfer Pump and Piping			Acc
Pump operational?	Yes	No	Ove
Pump integrity.	Good	Poor	Rep
Flow meter operational?	Yes	No	- 1
Transfer pump flow rate.	1,52	GPM	Air
Totalizer reading (cumulative volume).	129947	Gallons	Co
Water filters changed?	Yes	No 3	Co
Filter unit 1 pressure @ Arrival (In/Out)	34	7	Oil
Filter unit 2 pressure @ Arrival (In /Out)	75	7	Oil
Filter unit 1 pressure @ Departure (In/Out)	34	7	Co
Filter unit 2 pressure @ Departure (In/Out)	25	7	Re
Carbon Treatment Drums			LA
Primary carbon drum integrity.	Good	Poor .	
Primary carbon drum leaks?	Yes	(NO)	Sa
Primary carbon drum pressure.	6	PSI	Sa
Primary drum removed for disposal?	Yes	CNO	Po
Secondary carbon drum integrity.	Good	Poor	Sa
Secondary carbon drum leaks?	Yes	CNO	Pro
Secondary carbon drum pressure.	2	PSI	

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	10	PSI
LNAPL pump pressure (departure)	10	PSI
Bubbler tube operating pressure.	6	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	71	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	100
LNAPL top of pump depth.		Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	S S
Separator cover and seal integrity.	Good	Poor
	Good	Poor
	Good	
Decant valve integrity.	Yes	CNO
Decant valve integrity. LNAPL in separator? Separator needs cleaning?		The state of the s

Technician:	B Miller	
Date:	1-20-12	

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)
opin evidence:	165	
Opin evidence:	165	
Electrical and Heating	165	
	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.	10386,9	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		
Sampling Performed?	Yes	No
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

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

Notes:

(NO)

Poor (NO)

PSI

(No

(NO)

Poor

Yes

Good

Yes

Yes

Yes

Good

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Апом
DNAPL drum container integrity.	(600) Van	Poor
Green warning light operational? DNAPL drum container integrity.	Tes	No Poor
Leaks present?	Yes	(No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL Pump and Piping DNAPL piping integrity.	Good	Poor
	Yes	Poor

Operational upon arrival?	(Yes)	No
LNAPL pump pressure (arrival)	10	PSI
LNAPL pump pressure (departure)	10	PSI
Bubbler tube operating pressure.	G	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	X	Arrow
LNAPL piping integrity. LNAPL pump cleaned?	Yes	Poor
LNAPL Pump and Piping		
	Yes	Feet
LNAPL top of pump depth.		reet
Oil/Water Separator		
Water high level shut-off operational?	(Veg	No
Red 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	6
Separator cleaned?	Yes	M

Technician:	T. Palmer	4	
Date:	1-26-12		

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	(G000)	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	1.80	GPM
Totalizer reading (cumulative volume).	131611	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	30	8
Filter unit 2 pressure @ Arrival (In /Out)	20	6
Filter unit 1 pressure @ Departure (In/Out)	26	6.5
Filter unit 2 pressure @ Departure (ln/Out)	24	6.5
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	6	PSI
Primary drum removed for disposal?	Yes	(No)
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(Na
Secondary carbon drum pressure.	2	PSI
Secondary carbon rotated to primary?	Yes	(N)
coorday coordinates to primary.		
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	40
Polishing carbon drum pressure.	1	PSI
Polishing drum rotated to secondaryl?	Yes	(No)
New carbon polishing drum?	Yes	(No)
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
	(Yes)	No
Pipe at catch basin clear?		
Pipe at catch basin clear? Pipe integrity at creek.	(G009)	Poor

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)
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	10395.7	Hours
Oil level checked?	(YES)	No
Oil level changed?	Yes	(No)
Compressor trap operating?	(Yes)	No
Regulator operating?	(Yes)	No
	(Yes)	No

Sampling		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

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

Notes: DNAPL not pumpy . Turn off and Schedule cleaning,

	4 4	2 716
Ta	h10	4-1
I d	uie	4-1

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

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)		PSI
LNAPL pump pressure (departure)		PSI
Bubbler tube operating pressure.		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.		Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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

Technician:	T. Palmer	9	
Date:	2-1-12		_

LNAPL/Groundwater System - (Continued) Transfer Pump and Piping Pump operational? Ves No Pump integrity. (G000) Poor Flow meter operational? (Yes) No Transfer pump flow rate. **GPM** Totalizer reading (cumulative volume). Gallons Water filters changed? Yes No Filter unit 1 pressure @ Arrival (In/Out) Filter unit 2 pressure @ Arrival (In /Out) 7.5 Filter unit 1 pressure @ Departure (In/Out) Filter unit 2 pressure @ Departure (In/Out) 7.5

Carbon Treatment Drums Good Primary carbon drum integrity. Poor Primary carbon drum leaks? Yes Mo Primary carbon drum pressure. 5.5 PSI Primary drum removed for disposal? (No Yes

Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	NO
Secondary carbon drum pressure.		PSI
Secondary carbon rotated to primary?	Yes	N

Polishing carbon drum integrity.	Good
Polishing carbon drum leaks?	Yes
Polishing carbon drum pressure.	
Polishing drum rotated to secondaryl?	Yes
New carbon polishing drum?	Yes

-	
Good	Poor
Good	Poor
(Yes)	No
Good	Poor
Yes	No
	Good (Yes) Good

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	6367	
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(Nó)
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.		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		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

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

Notes:

Poor (No

PSI (No

No

OFF

Yes

Yes

Yes

Yes

Good

Yes

Good

Good

Yes

Yes

Yes

No PSI

PSI

No

Arrow

Arrow

No

No

Poor No

Poor

Poor

No

Feet

No

PSI

PSI

PSI

No

Arrow

DNAPL System Operational upon arrival?

DNAPL Drum

Leaks present? Decant valve integrity.

DNAPL pump pressure (arrival)

Refill control setting (departure)

High level shut off operational?

Green warning light operational?

DNAPL drum container integrity.

DNAPL Pump and Piping

DNAPL piping integrity.

DNAPL pump cleaned?

DNAPL top of pump depth.

Operational upon arrival?

LNAPL/Groundwater System

LNAPL pump pressure (arrival)

Pneumatic settings adjusted?

Separator cleaned?

Technician: Brent Miller

Date: 2-8-12

LNAPL pump pressure (departure) Bubbler tube operating pressure.

Discharge control setting (departure)

Pneumatic settings adjusted?

DNAPL pump pressure (departure)

Discharge control setting (departure)

Table 4-1

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	(Good)	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3,75	GPM
Totalizer reading (cumulative volume).	141064	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	30	8
Filter unit 2 pressure @ Arrival (In /Out)	9	8
Filter unit 1 pressure @ Departure (In/Out)	8	8,5
Filter unit 2 pressure @ Departure (In/Out)	11	8
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	(P602)
Primary carbon drum leaks?	(Yes)	No
Primary carbon drum pressure.		PSI
Primary drum removed for disposal?	Yes	No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(NO)
Secondary carbon drum pressure.	5	PSI
Secondary carbon rotated to primary?	(Yes)	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	(NO)
Polishing carbon drum pressure.	2	PSI
Polishing drum rotated to secondaryl?	(Yes)	No

New carbon polishing drum?

Discharge Piping

Pipe integrity in shed. Pipe integrity at catch basin.

Pipe integrity at creek. Pipe at creek clear?

Pipe at catch basin clear?

No

Poor

Poor

No

Poor

No

Yes

Good

Good

Yes

(Good)

Yes)

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	(No)
Air Compressor	4	
Compressor operational? OFF	Yes	No
Compressor hours.		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		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums	(Drums
PPE/Solids drums	171	Drums
LNAPL drums	a	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Notes: Changed	世/	Filter	S
Notes: Changed Removed	Cor	bon #	1 (look)
Running			

Refili control setting (departure)		Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.		Feet
Water high level shut-off operational?	Yes	No
Oil/Water Separator Water high level shut-off operational?	(Yes)	No
Red 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
Senarator needs cleaning?	Ves	NA

OFF

DNAPL System Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Arrow
Green warning light operational?	Yes	No
High level shut off operational? Green warning light operational?	Yes 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
DIVALE pullip cicalicu:		

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)		PSI
LNAPL pump pressure (departure)		PSI
Bubbler tube operating pressure.		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Апом
LNAPL Pump and Piping	Vicinity and a second second	
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.		Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	<¥io
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
echnician: Brent Mills		

Table 4-1

Transfer Pump and Piping Pump operational?	Yes	No
and A Vincente	Good	Poor
Pump integrity.	Yes	No
Flow meter operational?		
Transfer pump flow rate.	3,05	GPM
Totalizer reading (cumulative volume).	143116 Yes	Gallons No
Water filters changed?	16	INO
Filter unit 1 pressure @ Arrival (In/Out)	10	1-
Filter unit 2 pressure @ Arrival (In /Out)	10	615
Filter unit 1 pressure @ Departure (In/Out)		
Filter unit 2 pressure @ Departure (In/Out)	L	
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(NO)
Primary carbon drum pressure.	5	PSI
Primary drum removed for disposal?	Yes	(MO)
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	CNO
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	(No)
Polishing carbon drum pressure.	2	PSI
Polishing drum rotated to secondaryl?	Yes	No
New carbon polishing 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	(No)
Air Compressor Compressor operational? Compressor hours.	Yes	No 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		
Sampling Performed?	Yes	No
Post Carbon Sample Time	1400	
Pre-Carbon Sample Time	1345	
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	(No)

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

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)	1888	Arrow
Green warning light operational?	Yes	No
High level shut off operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
	Good	Poor
DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned?	Good Yes	Poor No

LNAPL/Groundwater System Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	1 65	
LNAPL pump pressure (departure)	 	PSI
		PSI
Bubbler tube operating pressure.		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Апом
TIMBLE INC.		
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.		Feet
rearranged and a state of the s		
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red warning light operational?	CYes	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	CNO
	V	(No)
Separator needs cleaning?	Yes	LINO

Table 4-1

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	(Good)	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	2,90	GPM
Totalizer reading (cumulative volume).	147768	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	38	3
Filter unit 2 pressure @ Arrival (In /Out)	30	.3
Filter unit 1 pressure @ Departure (In/Out)	16	7,5
Filter unit 2 pressure @ Departure (In/Out)	30	7
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	5	PSI
Primary drum removed for disposal?	Yes	(No)
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	-Z	PSI
Secondary carbon rotated to primary?	Yes	CNO
occordary caroon rotated to primary:	165	CINO
Polishing carbon drum integrity.	(Good)	Poor
Polishing carbon drum leaks?	Yes	< No
Polishing carbon drum pressure.	2	PSI
Polishing drum rotated to secondaryl?	Yes	(No)
New carbon polishing 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	(No
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	104026	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		
Sampling Performed?	Yes	(No
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	2	Gallons
DNAPL/water to disposal drum.	0	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums	2	Drums
PPE/Solids drums	1/1	Drums
LNAPL drums	9	Drums
	(Yes)	No
Drums labeled?	100	140

Table 4	4-	•

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
Operational upon arrival? DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Arrow
High level shut off operational? Green warning light operational?	Yes	No
DNAPL Drum	Yes	No
1		
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNIADI mumm alaamada	Yes	No
DNAPL pump cleaned?		

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)		PSI
LNAPL pump pressure (departure)		PSI
Bubbler tube operating pressure.		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.	res	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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:	BMiller	,
Date:	2-27-12	

Pump operational? Pump integrity. Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit 1 pressure @ Arrival (In/Out) Filter unit 2 pressure @ Arrival (In/Out) Filter unit 2 pressure @ Departure (In/Out) Filter unit 3 pressure @ Departure (In/Out) Filter unit 4 pressure @ Departure (In/Out) Filter unit 5 pressure @ Departure (In/Out) Filter unit 6 primary carbon drum integrity. Filter unit 7 pressure @ Departure (In/Out) Filter unit 9 pressure @ Departure (In/Out) Filter unit 1 pressure @ Departure (In/Out) Filter unit	No Poor No GPM Gallons No S S Poor No PSI No Poor No Poor
Flow meter operational? Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit 1 pressure @ Arrival (In/Out) Filter unit 2 pressure @ Departure (In/Out) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum pressure. Primary drum removed for disposal? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure. Secondary carbon drum pressure.	No GPM Gallons No S S S S S S S S S S S S S S S S S S
Transfer pump flow rate. Totalizer reading (cumulative volume). Water filters changed? Filter unit 1 pressure @ Arrival (In/Out) Filter unit 2 pressure @ Departure (In/Out) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary drum removed for disposal? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure.	GPM Gallons No S S S S S Poor PSI NO Poor
Totalizer reading (cumulative volume). Water filters changed? Filter unit 1 pressure @ Arrival (In/Out) Filter unit 2 pressure @ Departure (In/Out) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary drum removed for disposal? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure.	Gallons No S Poor Poor PSI No Poor
Water filters changed? Filter unit 1 pressure @ Arrival (In/Out) Filter unit 2 pressure @ Arrival (In /Out) Filter unit 1 pressure @ Departure (In/Out) Filter unit 2 pressure @ Departure (In/Out) Filter unit 2 pressure @ Departure (In/Out) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary drum removed for disposal? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure.	Poor PSI NO Poor
Filter unit 1 pressure @ Arrival (In/Out) Filter unit 2 pressure @ Arrival (In /Out) Filter unit 1 pressure @ Departure (In/Out) Filter unit 2 pressure @ Departure (In/Out) Filter unit 2 pressure @ Departure (In/Out) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary drum removed for disposal? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure.	Poor Poor
Filter unit 2 pressure @ Arrival (In /Out) Filter unit 1 pressure @ Departure (In/Out) Filter unit 2 pressure @ Departure (In/Out) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary drum removed for disposal? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure.	Poor No PSI No Poor
Filter unit 1 pressure @ Departure (In/Out) Filter unit 2 pressure @ Departure (In/Out) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary drum removed for disposal? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure.	Poor PSI No
Filter unit 2 pressure @ Departure (In/Out) Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary drum removed for disposal? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure.	No PSI No Poor
Carbon Treatment Drums Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary drum removed for disposal? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure.	No PSI No Poor
Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary drum removed for disposal? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure.	No PSI No Poor
Primary carbon drum integrity. Primary carbon drum leaks? Primary carbon drum pressure. Primary drum removed for disposal? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure.	No PSI No Poor
Primary carbon drum leaks? Primary carbon drum pressure. Primary drum removed for disposal? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure.	PSI No Poor
Primary carbon drum pressure. Primary drum removed for disposal? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure.	Poor
Primary drum removed for disposal? Secondary carbon drum integrity. Secondary carbon drum leaks? Secondary carbon drum pressure.	Poor
Secondary carbon drum leaks? Yes Secondary carbon drum pressure.	
Secondary carbon drum leaks? Yes Secondary carbon drum pressure.	
Secondary carbon drum pressure.	
	PSI
	(No)
Polishing carbon drum integrity.	Poor
Polishing carbon drum leaks? Yes	No
Polishing carbon drum pressure. 2	PSI
Polishing drum rotated to secondaryl? Yes	(No)
New carbon polishing drum? Yes	(No)
Discharge Piping	
Pipe integrity in shed.	Poor
Pipe integrity at catch basin. Good	Poor
Pipe at catch basin clear?	No
Pipe integrity at creek.	Poor

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 Heater operational	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.	104026	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		
Sampling Performed?	Yes	(No')
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0.	Gallons
DNAPL/water to oil/water separator.	0	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums	7	Drums
PPE/Solids drums	1//	Drums
LNAPL drums	a	Drums
Drums labeled?	(Yes)	No
Dianis laboles:		No

Table 4-1

LNAPL/Groundwater System - (Continued)

Yes

(Good)

Yes

2.88

161926

30

28

35

28

(Good)

Yes

5

Yes

Good³

Yes

Yes

(Good)

Yes

2

Yes

Yes

No

Poor

No

GPM

Gallons

No

Poor

No

PSI (No)

Poor No

PSI

(NO)

Poor

(No)

PSI

CNOD

(NO)

6.5

Transfer Pump and Piping Pump operational?

Flow meter operational?

Transfer pump flow rate.

Water filters changed?

Carbon Treatment Drums

Primary carbon drum integrity.

Primary carbon drum pressure.

Primary drum removed for disposal?

Secondary carbon drum integrity.

Secondary carbon drum pressure.

Secondary carbon rotated to primary?

Secondary carbon drum leaks?

Polishing carbon drum integrity.

Polishing carbon drum pressure.

Polishing drum rotated to secondaryl?

Polishing carbon drum leaks?

New carbon polishing drum?

Primary carbon drum leaks?

Totalizer reading (cumulative volume).

Filter unit 1 pressure @ Arrival (In/Out)

Filter unit 2 pressure @ Arrival (In /Out)

Filter unit 1 pressure @ Departure (In/Out)

Filter unit 2 pressure @ Departure (In/Out)

Pump integrity.

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Arrow
Green warning light operational?	Yes	No
High level shut off 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
100 A	Yes	No
DNAPL pump cleaned?	1 03	1.0

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)		PSI
LNAPL pump pressure (departure)		PSI
Bubbler tube operating pressure.		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Апом
Refill control setting (departure)		Arrow
LNAPL piping integrity.	Good	Poor
LNAPL Pump and Piping		
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.		Feet
Oil/Water Separator	Version Services	
Water high level shut-off operational?	Yes	No
Red 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
	Yes	No
Separator needs cleaning?	res	140

LIVAL L. piping integrity.	Good	Poor	Discharge Piping		
LNAPL pump cleaned?	Yes	No	Pipe integrity in shed.	Good	Poor
LNAPL top of pump depth.		Feet	Pipe integrity at catch basin.	Good)	Poor
			Pipe at catch basin clear?	Yes	No
Oil/Water Separator			Pipe integrity at creek.	(Good)	Poor
Water high level shut-off operational?	Yes	No	Pipe at creek clear?	Yes	No
Red warning light operational?	Yes	No	The state of the s		
Separator vessel integrity.	Good	Poor			
Leaks present?	Yes	No	Miscellaneous		
Separator cover and seal integrity.	(Good)	Poor	Building and Site		
Decant valve integrity.	Good	Poor	Remediation shed integrity.	(Good)	Poor
LNAPL in separator?	Yes	No	Shed ventilation acceptable?	(Yes)	No
Separator needs cleaning?	Yes	No	Repairs/work needed?	Yes	No
Separator cleaned?	Yes	No	Spill evidence?	Yes	No
Technician: RMiller	and the second				
Technician: + V TITEC			Electrical and Heating		
Date: 3-6-12			Electric controls operational	(Yes	No
Date:		****	Heater operational	Yes	No
			L		
*					

Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	104027	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		
Sampling Performed?	Yes	(No
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

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

Ta	h	0	1-	1
1 U	VI	C	_	

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Arrow
Green warning light operational?		7,7,7,7
High level shut off operational? Green warning light operational?	Yes Yes	No No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
		14
DNAPL Pump and Piping		Poor
DNAPL Pump and Piping DNAPL piping integrity.	Good	1001
	Good Yes	No

LNAPL/Groundwater System			J. Halfrey
Operational upon arrival?	OFF	Yes	No
LNAPL pump pressure (arrival)	71		PSI
LNAPL pump pressure (departure)			PSI
Bubbler tube operating pressure.			PSI
Pneumatic settings adjusted?		Yes	No
Discharge control setting (departure)	ĺ		Arrow
Refill control setting (departure)	Î		Arrow
LNAPL pump cleaned? LNAPL top of pump depth.		Yes	No Feet
LNAPL piping integrity. LNAPL pump cleaned?		Good Yes	Poor No
ENAME top of pump depth.	L		reet
Oil/Water Separator	_		
Water high level shut-off operational?	[Yes	No
Red 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

Technician:	BMiller	
Date:	3-13-12	

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	(Good)	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	7.31	GPM
Totalizer reading (cumulative volume).	164,231	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)		
Filter unit 2 pressure @ Arrival (In /Out)		
Filter unit 1 pressure @ Departure (In/Out)	15	7.5
Filter unit 2 pressure @ Departure (In/Out)	10	7.5
Carbon Treatment Drums		
Primary carbon drum integrity.	(Good)	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	5.5	PSI
Primary drum removed for disposal?	Yes	No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	2	PSI
Polishing drum rotated to secondaryl?	Yes	(No)
New carbon polishing 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	W	
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.	104027	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		
Sampling Performed?	Yes	(No
Post Carbon Sample Time		THE STATE OF THE S
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

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

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	A STATE OF THE STA	Arrow
Refill control setting (departure)		Arrow
Green warning light operational?	Yes	No
DNAPL Drum High level shut off operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
coaks prosent:	Good	Poor
Decant valve integrity.		
Decant valve integrity. DNAPL Pump and Piping		
DNAPL Pump and Piping	Good	Poor
	Good Yes	Poor No

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	10	PSI
LNAPL pump pressure (departure)		PSI
Bubbler tube operating pressure.		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Arrow
And the second s	Yes	
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	L	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Yes)	No
Red 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
	Yes	No
LNAPL in separator?	163	1.0
LNAPL in separator? Separator needs cleaning?	Yes	No
		Total

Technician:	BIN	Miller	
Date:	3.5	13-17	

Yes	No
(Good)	Poor
Yes	No
3,32	GPM
171,350	Gallons
Yes	No
15	2.5
26	2,5
25	7.5
23	715
	Poor
	No
5	PSI
Yes	(No)
(Guod)	Poor
Yes	No
3	PSI
Yes	No
-	Poor
Yes	No
l	PSI
Yes	(No)
Yes	No
Goods	Poor
	Poor
	No
	Poor
Guu	FUUI
	Good) Yes 3,32 77,350 Yes 75 16 25 37 Yes 79 Yes 79 Yes 79 Yes 79 Yes 79 Yes

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	Ves	No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
11.0		
<u>Air Compressor</u>		
Compressor operational?	Yes	No
Compressor hours.	16402.7	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 Performed?	(Yes)	No
Post Carbon Sample Time	6930	
Pre-Carbon Sample Time	0935	
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

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

Notes: Monthly Sample

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)	and the second s	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Arrow
Green warning light operational?	Yes	No
High level shut off operational?	Yes	No No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
_	Good	Poor
DNAPL Pump and Piping	Good Yes	Poor No

Operational upon arrival?	OFF	Yes	No
LNAPL pump pressure (arrival)	011		PSI
LNAPL pump pressure (departure)			PSI
Bubbler tube operating pressure.			PSI
Pneumatic settings adjusted?		Yes	No
Discharge control setting (departure)			Arrow
Refill control setting (departure)			Arrow
LNAPL top of pump depth.		res	Feet
LNAPL piping integrity.		Good	Poor
LNAPL pump cleaned?		Yes	No
LIVATE top of pamp depth.		L	reet
Oil/Water Separator			
Water high level shut-off operational?		(Yes)	No
Red warning light operational?		Yes	No
Separator vessel integrity.		Good	Poor
Leaks present?		Yes	(Ma)
Separator cover and seal integrity.		Good	Poor
Decant valve integrity.		(Good)	Poor
LNAPL in separator?		Yes	(No)
Separator needs cleaning?	l l	Yes	No

Technician:	3-30-12	
Date: \$\overline{B}\$	Miller	===

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good)	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3.90	GPM
Totalizer reading (cumulative volume).	175886	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	35	1
Filter unit 2 pressure @ Arrival (In /Out)	33	1
Filter unit 1 pressure @ Departure (In/Out)	16	8,5
Filter unit 2 pressure @ Departure (In/Out)	70	8,5
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	CNO
Primary carbon drum pressure.	5,5	PSI
Primary drum removed for disposal?	Yes	
Secondary carbon drum integrity.	€000	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	₩ô
Polishing carbon drum pressure.	7	PSI
Polishing drum rotated to secondaryl?	Yes	₽
New carbon polishing drum?	Yes	(No)
Discharge Piping		
Pipe integrity in shed.	(6009)	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	(Good)	Poor
	1 0000	1 001

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	77-77-18-18-18-18-18-18-18-18-18-18-18-18-18-	
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.	10402,8	Hours
Oil level checked?	(Yes)	No
Oil level changed?	Yes	CNO
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	(Yes)	No

Sampling		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time-		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums	2	Drums
PPE/Solids drums	1/21	Drums
LNAPL drums	0	Drums
	(Ves)	No
Drums labeled?		

DNAPL System

Operational upon arrival?

DNAPL pump pressure (arrival)

DNAPL pump pressure (departure)

Pneumatic settings adjusted?

Discharge control setting (departure)

Refill control setting (departure)

DNAPL Drum

Leaks present?

Decant valve integrity.

High level shut off operational? Green warning light operational? DNAPL drum container integrity.

DNAPL piping integrity.

DNAPL pump cleaned?

DNAPL top of pump depth.

Table 4-1

Yes	No
	PSI
	PSI
Yes	No
	Arrow
	Arrow
Yes Good	No Poor
Good	
Yes	No
Good	Poor
Good	Poor
Yes	No
	Feet

Operational upon arrival?	Yes	No
Uperational upon arrival? LNAPL pump pressure (arrival)		PSI
LNAPL pump pressure (departure)		PSI
Bubbler tube operating pressure.		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)	Sec.	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.		Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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? 4-4-13	Yes	No

Separator c	leaned? 79-12	Yes	No
Technician	Brent Miller		
Date:	4-5-12		

Transfer Pump and Piping		Massissas III.
Pump operational?	(Yes)	No
Pump integrity.	Good	Poor
Flow meter operational?	C?es	No
Transfer pump flow rate.	3,40	GPM
Totalizer reading (cumulative volume).	187464	Gallons
Water filters changed?	(Yes)	No
Filter unit 1 pressure @ Arrival (In/Out)		
Filter unit 2 pressure @ Arrival (In /Out)		
Filter unit 1 pressure @ Departure (In/Out)	16	8
Filter unit 2 pressure @ Departure (In/Out)	10	8
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	6.0	PSI
Primary drum removed for disposal?	Yes	(No)
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	3,0	PSI
Secondary carbon rotated to primary?	Yes	No
Polishing carbon drum integrity.	(Good>)	Poor
Polishing carbon drum leaks?	Yes	(No)
Polishing carbon drum pressure.	100	PSI
Polishing drum rotated to secondaryl?	Yes	No
New carbon polishing 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	(No)
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	104028	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		
Sampling Performed?	Yes	(No
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	4	Drums
Spent carbon drums	2	Drums
PPE/Solids drums	1	Drums
LNAPL drums		Drums
Drums labeled?	(Yes)	No
Drums palletized?	Yes	No

Notes: Clean Gun Club Snups, Vanlt, OWS 4-4-12

DNAPL System
Operational upon arrival?

DNAPL Drum

Leaks present?

Decant valve integrity.

DNAPL Pump and Piping
DNAPL piping integrity.

DNAPL pump cleaned?

DNAPL top of pump depth.

DNAPL pump pressure (arrival)

Refill control setting (departure)

High level shut off operational?

Green warning light operational?

DNAPL drum container integrity.

Pneumatic settings adjusted?

DNAPL pump pressure (departure)

Discharge control setting (departure)

Table 4-1

		Г
-		
4		
-		
		The second

No

PSI

PSI

No

Arrow

Arrow

No

No

Poor

No

Poor

Poor

No

Feet

Yes

Yes

Good

Yes

Good

Good

Yes

Operational upon arrival?	Yes	No
UNAPL pump pressure (arrival)		PSI
LNAPL pump pressure (departure)		PSI
Bubbler tube operating pressure.		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Arrow
LNAPL piping integrity. LNAPL pump cleaned? LNAPL top of pump depth.	Good Yes	Poor No
Oil/Water Separator		Feet
Water high level shut-off operational?	Yes	No
Red 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
NAPL in separator?	Yes	N ₀
Separator needs cleaning?	Yes	(No)
Separator cleaned?	Yes	No

Technician:	3	Wi	1100
140		**************************************	2.10

Date: 4-17-12

LNAPL/Groundwater System - (Continue Transfer Pump and Piping	ed)	
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	4.02	GPM
Totalizer reading (cumulative volume).	185382	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	14	6
Filter unit 2 pressure @ Arrival (In /Out)	9	6
Filter unit 1 pressure @ Departure (In/Out)	16	8
Filter unit 2 pressure @ Departure (In/Out)	10	8
Carbon Treatment Drums		
Primary carbon drum integrity.	Good'	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	67	PSI
Primary drum removed for disposal?	Yes	(No)
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	<no< td=""></no<>
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	(NO)
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	COA
Polishing carbon drum pressure.	/	PSI
Polishing drum rotated to secondaryl?	Yes	(Ne)
New carbon polishing drum?	Yes	(No)
Discharge District	MC=5m	
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	(No)
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	10402,9	Hours
Oil level checked?	(Yes)	No
Oil level changed?	Yes	C-MOD
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum	V8-94-	
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	6	Gallons
DNAPL/water to disposal drum.	(,)	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	4	Drums
Spent carbon drums	2	Drums
PPE/Solids drums		Drums
LNAPL drums		Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	West West	PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Arrow
similar manifest emission authorized at the state of the		
High level shut off operational? Green warning light operational?	Yes Yes	No No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
	Good	Poor
Decant valve integrity.		
Seria Listander et a co pe nsa, con respecto de la contra a		
Decant valve integrity. DNAPL Pump and Piping	Good	Poor
Decant valve integrity.		Poor No

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)		PSI
LNAPL pump pressure (departure)	16	PSI
Bubbler tube operating pressure.	6	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	T.	Arrow
Refill control setting (departure)	7	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(Ne)
LNAPL top of pump depth.		Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	(No)
Separator cover and seal integrity.	Good	Poor
	Goed	Poor
Decant valve integrity.		47 William
Decant valve integrity. LNAPL in separator?	Yes	No
	Yes Yes	No

Technician:	1. Talmer	
Date:	4.20.12	

Transfer Pump and Piping	ALL SOLUTIONS OF THE SECOND	
Pump operational?	(Yes)	No
Pump integrity.	Good	Poor
Flow meter operational?	(Yes)	No
Transfer pump flow rate.	3.78	GPM
Totalizer reading (cumulative volume).	188796	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	10	4
Filter unit 2 pressure @ Arrival (In /Out)	15	8
Filter unit 1 pressure @ Departure (In/Out)	13	8.5
Filter unit 2 pressure @ Departure (In/Out)	16.5	9
Carbon Treatment Drums	R = 1701115	
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	QQD
Primary carbon drum pressure.	6	PSI
Primary drum removed for disposal?	Yes	No
Secondary carbon drum integrity.	Goed	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	(No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	(No
Polishing carbon drum pressure.	0.5	PSI
Polishing drum rotated to secondaryl?	Yes	CNô
New carbon polishing 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

- Roston LMAPL System

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(No)
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	10402.4	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Tes	No
Regulator operating?	Yès	No
Air lines performing properly?	Yes	No

Sampling Performed?	Yes	(No
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
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.		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)	0	Drums
Spent carbon drums	0	Drums
PPE/Solids drums	0	Drums
LNAPL drums	0	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

tes:-Tubin 3 on orch for DNAPL
plup
-Turnel heat clown, but left on
- 3 smpt chums on haw for
wask severation
- Drums Picked up solly

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Arrow
High level shut off operational?	Yes	No
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
Divid E piping micgrity.	-	
DNAPL pump cleaned?	Yes	No

LNAPL/Groundwater System		Janes of
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	16	PSI
LNAPL pump pressure (departure)	16	PSI
Bubbler tube operating pressure.	6	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	12	Arrow
Refill control setting (departure)	171	Аптом
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(No)
LNAPL top of pump depth.	-	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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:_	SM: ller	
Date:	4-25-12	

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3.39	GPM
Totalizer reading (cumulative volume).	104107	Gallons
Water filters changed? 19903	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	15	6
Filter unit 2 pressure @ Arrival (In /Out)	23	6
Filter unit 1 pressure @ Departure (In/Out)	16	8
Filter unit 2 pressure @ Departure (In/Out)	23	8
Carbon Treatment Drums	N. a.	
Primary carbon drum integrity.	(Good)	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.		
Primary carbon drum pressure. Primary drum removed for disposal?	6	PSI
Filmary druin removed for disposar?	Yes	CNO.
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	No
an 19500 to 11		
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	(NO)
Polishing carbon drum pressure.		PSI
Polishing drum rotated to secondaryl?	Yes	No
New carbon polishing drum?	Yes	No
Discharge Piping		
Pipe integrity in shed.	(Gbod)	Poor
Pipe integrity at catch basin.	Good	Poor
	Yes	No
Pipe at catch basin clear?		
Pipe at catch basin clear? Pipe integrity at creek.	(Good)	Poor

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
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	10410.7	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	
Sampling Performed?	Yes No
Post Carbon Sample Time	1430
Pre-Carbon Sample Time	1440
Sampling event?	Monthly Quarter
Product sampled?	Yes No

Recovery and Disposal		
Recovery from DNAPL Drum	2018 A	
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
DNAPL/water to oil/water separator.		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)	0	Drums
Spent carbon drums	0	Drums
PPE/Solids drums	0	Drums
LNAPL drums	0	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Monthly Samples

OFF

Yes

Yes

Good

Yes

Good

Good

Yes

Yes

Yes

No

No

Poor

No

Poor

Poor

No

No

No

Table 4-1

			33-5		
NAPL/Groundwater System - (Continue	ed)		Miscellaneous - (Continued)		
ransfer Pump and Piping		i	Access Vaults	W4 252 375 - 7 - 7 - 7 - 5 7	
ump operational?	(Yes)	No	Overall vault integrity.	Good	Poor
ump integrity.	Good	Poor	Repairs needed to vaults?	Yes	(No)
ow meter operational?	Yes	No	12	2	
ransfer pump flow rate.	3,62	GPM	Air Compressor		
otalizer reading (cumulative volume).	203556	Gallons	Compressor operational?	(Yes')	No
ater filters changed?	Yes	CNO	Compressor hours.	10417,7	Hours
Iter unit 1 pressure @ Arrival (In/Out)	18	9	Oil level checked?	Yes	No
Iter unit 2 pressure @ Arrival (In /Out)	22	8,5	Oil level changed?	Yes	No
Iter unit 1 pressure @ Departure (In/Out)	18	8.5	Compressor trap operating?	Yes	No
Iter unit 2 pressure @ Departure (In/Out)	20	8	Regulator operating?	Yes	No
t de la contrata de la composition della composi			Air lines performing properly?	Yes	No
arbon Treatment Drums			1		
imary carbon drum integrity.	Good	Poor			

		LNAPL/Groundwater System -	(Continued)	
Yes	No	Transfer Pump and Piping		
	PSI	Pump operational?	(Yes)	No
	PSI	Pump integrity.	Good	Poor
Yes	No	Flow meter operational?	Yes	No
	Arrow	Transfer pump flow rate.	3,62	GPM
	Arrow	Totalizer reading (cumulative volu		Gallons
		Water filters changed?	Yes	CNO
		Filter unit 1 pressure @ Arrival (Ir	n/Out) /8	9
Yes	No	Filter unit 2 pressure @ Arrival (Ir		8.5
Yes	No	Filter unit 1 pressure @ Departure	e (In/Out) /8	8.5
Good	Poor	Filter unit 2 pressure @ Departure		8
Yes	No		A	
Good	Poor	Carbon Treatment Drums		
		Primary carbon drum integrity.	Good	Poor
		Primary carbon drum leaks?	Yes	No
Good	Poor	Primary carbon drum pressure.	6	PSI
Yes	No	Primary drum removed for dispos	al? Yes	No
	Feet	18		
		Secondary carbon drum integrity.	Good	Poor
		Secondary carbon drum leaks?	Yes	No
		Secondary carbon drum pressure	. 3	PSI
Yes	No	Secondary carbon rotated to prime	ary? Yes	(NO)
19	PSI		XXX Y	
19	PSI			
	PSI	Polishing carbon drum integrity.	Good	Poor
Yes	No	Polishing carbon drum leaks?	Yes	No
FA	Arrow	Polishing carbon drum pressure.	2	PSI
72	Arrow	Polishing drum rotated to seconda	aryl? Yes	NO
		New carbon polishing drum?	Yes	(NG)
7 5 1		190	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 	-1100-1100
(Good)	Poor	Discharge Piping	and the control	
Yes	No	Pipe integrity in shed.	Goed	Poor
	Feet	Pipe integrity at catch basin.	Good	Poor
		Pipe at catch basin clear?	Yes	No

Pipe integrity at creek.

Pipe at creek clear?

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

Good

Yes

Poor

LNAPL in separator? Separator needs cleaning? Separator cleaned?

Leaks present?

DNAPL System Operational upon arrival? DNAPL pump pressure (arrival) DNAPL punip pressure (departure) Pneumatic settings adjusted? Discharge control setting (departure) Refill control setting (departure)

DNAPL Drum

Leaks present? Decant valve integrity.

High level shut off operational? Green warning light operational? DNAPL drum container integrity.

DNAPL Pump and Piping

DNAPL piping integrity.

DNAPL pump cleaned?

DNAPL top of pump depth.

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)

LNAPL Pump and Piping LNAPL piping integrity. LNAPL pump cleaned? LNAPL top of pump depth.

Oil/Water Separator

Water high level shut-off operational?

Red warning light operational?

Separator cover and seal integrity.

Separator vessel integrity.

Decant valve integrity.

Date:

Sampling Sampling Performed? No Yes Post Carbon Sample Time Pre-Carbon Sample Time Sampling event? Monthly Quarterly Product sampled? Yes

Site Visit Checklist/Data Sheet

Recovery and Disposal		
Recovery from DNAPL Drum		200000 tarket 2000 tarket
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	0	Drums
Spent carbon drums	0	Drums
PPE/Solids drums	0	Drums
LNAPL drums		Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

No

PSI

PSI

No

Arrow

No

No

Poor

No

Poor

Poor

No

Feet

Yes

Good

Yes

Good

Good

Yes

DNAPL System
Operational upon arrival?

DNAPL Drum

Leaks present?

Decant valve integrity.

DNAPL Pump and Piping

DNAPL piping integrity.

DNAPL pump cleaned?

Decant valve integrity.

LNAPL in separator?

Separator cleaned?

Separator needs cleaning?

DNAPL top of pump depth.

LNAPL/Groundwater System

DNAPL pump pressure (arrival)

Pneumatic settings adjusted?

DNAPL pump pressure (departure)

Discharge control setting (departure)

Refill control setting (departure)

High level shut off operational?

Green warning light operational?

DNAPL drum container integrity.

Table 4-1

Transfer Pump and Piping	
Pump operational?	CY
Pump integrity.	G
Flow meter operational?	X
Transfer pump flow rate.	2.3
Totalizer reading (cumulative volume).	817,1
Water filters changed?	Ý
Filter unit 1 pressure @ Arrival (In/Out)	16
Filter unit 2 pressure @ Arrival (In /Out)	21
Filter unit 1 pressure @ Departure (In/Out)	2
Filter unit 2 pressure @ Departure (In/Out)	18
Carbon Treatment Drums	
Primary carbon drum integrity.	Go
Primary carbon drum leaks?	Ye
Primary carbon drum pressure.	E
Primary drum removed for disposal?	Ye

Secondary carbon drum integrity.

Secondary carbon drum pressure.

Secondary carbon rotated to primary?

Secondary carbon drum leaks?

Polishing carbon drum integrity.

Polishing carbon drum pressure.

Polishing carbon drum leaks?

Electrical and Heating
Electric controls operational

Heater operational

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	10	PSI
NAPL pump pressure (departure)	10	PSI
Subbler tube operating pressure.		PSI
neumatic settings adjusted?	Yes	No
scharge control setting (departure)	1	Arrow
efill control setting (departure)	7	Аптом
APL Pump and Piping		
IAPL piping integrity.	(Good)	Poor
IAPL pump cleaned?	Yes	(No)
APL top of pump depth.		Feet
Water Separator		
iter high level shut-off operational?	Yes	No
d warning light operational?	(Yes)	No
arator vessel integrity.	Good	Poor
ks present?	Yes	(No)
parator cover and seal integrity.	Good	Poor

(Good

Yes

Yes

Poor

(No)

(No

No

Technician:	RMiller	
Data	5-11-12	

S		1.01
Polishing drum rotated to secondaryl?	Yes	(NO)
New carbon polishing 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)

OFF

Site Visit Checklist/Data Sheet

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good)	Poor
Repairs needed to vaults?	Yes	(No)
Air Compressor Compressor operational? Compressor hours.	Yes nu 40,9	No Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	CNO
Compressor trap operating?	Yes	No
Regulator operating?	(Yes)	No
Air lines performing properly?	Yes	No

Sampling		
Sampling Performed?	Yes	(-No-
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	3	Gallons
DNAPL/water to disposal drum.		Gallons
DNAPL/water to oil/water separator.	6	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	0	Drums
Spent carbon drums	6	Drums
PPE/Solids drums	0	Drums
LNAPL drums	0	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Notes:

No

Poor

No

GPM

Gallons

Poor

(NO)

PSI

(No)

Poor

PSI

(No)

Poor

No

Good

Good

Yes

Yes

No

No

3

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Аптом
Refill control setting (departure)		Arrow
Green warning light operational?	Yes	No
High level shut off operational?	Yes	No No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
	Good	Poor
Decant valve integrity.		
Decant valve integrity.		
executor terrentino com 1 commentes.		
Decant valve integrity. DNAPL Pump and Piping DNAPL piping integrity.	Good	Poor

Feet

LNAPL/Groundwater System Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	10	PSI
LNAPL pump pressure (departure)	10	PSI
Bubbler tube operating pressure.		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1/1	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.		Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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

DNAPL top of pump depth.

Technicia	n: 3 Miller	
Date:	5-17-12	

Table 4-1

Transfer Pump and Piping	525	
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	2.36	GPM
Totalizer reading (cumulative volume).	223223	Gallor
Water filters changed?	Yes	(No)
Filter unit 1 pressure @ Arrival (In/Out)	28	8,5
Filter unit 2 pressure @ Arrival (In /Out)	20	8.5
Filter unit 1 pressure @ Departure (In/Out)	28	8,5
Filter unit 2 pressure @ Departure (In/Out)	20	8.5
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(No
Primary carbon drum pressure.	6	PSI
Primary drum removed for disposal?	Yes	(No
25%		700 10 10 10 10 10 10 10 10 10 10 10 10 1
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	✓No
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	No
		A CONTRACTOR OF THE PARTY OF TH
Polishing carbon drum integrity.	(G6od)	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	2	PSI
Polishing drum rotated to secondaryl?	Yes	410-
New carbon polishing drum?	Yes	(No.
Discharge Piping		
Pipe integrity in shed.	(Guad)	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	(No)
Air Compressor Compressor operational?	Yes	No
Compressor hours.	10423.2	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	C-Nos'
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		. Was a second
Sampling Performed?	Yes	No
Post Carbon Sample Time	1020	
Pre-Carbon Sample Time	1030	PARTIE AND ADDRESS OF THE PARTIES AND ADDRESS OF
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	(No)

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

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	1/	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	Роог
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	12 -17	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	10	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	6	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	16	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.	14.40	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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)
- F		The same of the sa

Technician: BM: Nev S-22-12

Date:

LNAPL/Groundwater System - (Continue	ed)	
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	2,24	GPM
Totalizer reading (cumulative volume).	226793	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	26	7,5
Filter unit 2 pressure @ Arrival (In /Out)	20	7
Filter unit 1 pressure @ Departure (In/Out)		
Filter unit 2 pressure @ Departure (In/Out)		
	3-2000	W - 19-14-14-14-14-14-14-14-14-14-14-14-14-14-
Carbon Treatment Drums		
Primary carbon drum integrity.	(Good)	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	6	PSI
Primary drum removed for disposal?	Yes	(No)
Secondary carbon drum integrity.	Good)	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	(No)
Deliables and a description	5 13	
Polishing carbon drum integrity. Polishing carbon drum leaks?	Good)	Poor
	Yes	No
Polishing carbon drum pressure.	<i>A</i>	PSI
Polishing drum rotated to secondaryl?	Yes	(No)
New carbon polishing drum?	Yes	(No 1)
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
Air Compressor Compressor operational?	Yes	No
Compressor hours.	104250	Hours
Oil level checked?	(Yes)	No
Oil level changed?	Yes	C-1/10>
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

No

Quarterly

Monthly

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

Notes: Reset DNAPL Primp Clean NAPL Primp

Sampling

Sampling Performed? Post Carbon Sample Time Pre-Carbon Sample Time Sampling event?

Yes

18

18

Yes

Yes

Yes

Good

Yes

Good

Good

Yes

23,50

Yes

No

PSI

PSI

(No

Arrow

Arrow

No

No

Poor

(No)

Poor

Poor

(No:)

Feet

No

DNAPL System

DNAPL Drum

Leaks present?

Decant valve integrity.

DNAPL Pump and Piping

DNAPL piping integrity.

DNAPL pump cleaned?

DNAPL top of pump depth.

Operational upon arrival?

LNAPL/Groundwater System

Operational upon arrival?

DNAPL pump pressure (arrival)

Pneumatic settings adjusted?

Refill control setting (departure)

High level shut off operational?

Green warning light operational?

DNAPL drum container integrity.

DNAPL pump pressure (departure)

Discharge control setting (departure)

Table 4-1

Transfer Pump and Piping	
Pump operational?	Yes
Pump integrity.	Good
Flow meter operational?	Yes
Transfer pump flow rate.	2:30
Totalizer reading (cumulative volume).	2278
Water filters changed?	Yes
Filter unit 1 pressure @ Arrival (In/Out)	29
Filter unit 2 pressure @ Arrival (In /Out)	20
Filter unit 1 pressure @ Departure (In/Out)	29
Filter unit 2 pressure @ Departure (In/Out)	21
Carbon Treatment Drums	-
Primary carbon drum integrity.	Good
Primary carbon drum leaks?	Yes
Primary carbon drum pressure.	1
Primary drum removed for disposal?	Yes

Secondary carbon drum integrity.	
Secondary carbon drum leaks?	
Secondary carbon drum pressure.	
Secondary carbon rotated to primary?	

Polishing ca	rbon drum integrity.
Polishing ca	rbon drum leaks?
Polishing ca	rbon drum pressure.
Polishing dri	um rotated to secondaryl?
New carbon	nolishing 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	Poor
(Good)	Poor
Yes	No
Good	Poor
Yes	No

No

Poor

No

GPM

Gallons

CNO

Poor

No

PSI

No

Poor

(No)

PSI

No

Poor

No PSI

> No (No

Good

Yes

Good

Yes

Yes

Sampling

Sampling Performed?

Sampling event?

Post Carbon Sample Time

Pre-Carbon Sample Time

LNAPL pump pressure (arrival)	10	PSI
LNAPL pump pressure (departure)	BO	PSI
Bubbler tube operating pressure.	6	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	CNo
LNAPL top of pump depth.	14.40	Feet
Oil/Water Separator Water high level shut-off operational?	Yes	No
Red 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	CNO
Separator cleaned?	Yes	(No)

Technician:	5 Miller	
	C-20-13	
Date:	3 30 10	

Miscellaneous		
Building and Site	YEAR 2	
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	(NO)
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	10472.9	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

No

Quarterly

Yes

Monthly

Yes

Product sampled?	Yes	No
Recovery and Disposal		
Recovery from DNAPL Drum	1,000 - 1,000	
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.		Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	0	Drums
Spent carbon drums	1	Drums
PPE/Solids drums	3	Drums
LNAPL drums	(2)	Drums
Drums labeled?	Yes	No
Drums palletized?	(Yes)	No

Notes: #(Carbon	Removed	Due to
leak.		

flow on	2 carbons	3.71
#1 carbon	5 ps 1	
#2 rus bun	3 051	

Table 4-1

LNAPL/Groundwater System - (Continued)

Transfer Pump and Piping

Flow meter operational?

Transfer pump flow rate.

Water filters changed?

Polishing carbon drum integrity.

Polishing carbon drum pressure. Polishing drum rotated to secondaryl?

Polishing carbon drum leaks?

New carbon polishing drum?

Pipe integrity at catch basin.

Pipe at catch basin clear?

Remediation shed integrity.

Repairs/work needed?

Shed ventilation acceptable?

Pipe integrity at creek.

Pipe at creek clear?

Miscellaneous Building and Site

Discharge Piping Pipe integrity in shed.

Totalizer reading (cumulative volume).

Filter unit 1 pressure @ Arrival (In/Out)

Filter unit 2 pressure @ Arrival (In /Out)

Filter unit 1 pressure @ Departure (In/Out)

Filter unit 2 pressure @ Departure (In/Out)

Pump operational?

Pump integrity.

Miscellaneous - (Continued) Access Vaults Good Overall vault integrity. Poor Repairs needed to vaults? Yes No Air Compressor Compressor operational? Yes No Compressor hours. 10520.7 Hours (Yes) Oil level checked? No Oil level changed? Yes No Compressor trap operating? Yes No (Yes) Regulator operating? No Air lines performing properly? Yes

Site Visit Checklist/Data Sheet

DNAPL System		
Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	18	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	~ J.	Arrow
Refill control setting (departure)	71	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.	725	Feet

Carbon Treatment Drums			<u> </u>
Primary carbon drum integrity.	(Good)	Poor	
Primary carbon drum leaks?	Yes	No	Sampling
Primary carbon drum pressure.	5	PSI	Sampling P
Primary drum removed for disposal?	Yes	(No	Post Carbo
*			Pre-Carbon
Secondary carbon drum integrity.	(Good	Poor	Sampling e
Secondary carbon drum leaks?	Yes	(No)	Product sar
Secondary carbon drum pressure.	2.5	PSI	W
Secondary carbon rotated to primary?	Yes	(No	Recovery a
			I recovery a

(Yes)

(Good)

Yes

7.66

236050

Yes

30

20

23

No

Poor

No

GPM

Gallons

(NO)

7.5

8

7,5

Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		A W. W-W-W-M. F. F.
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	70	PSI
Bubbler tube operating pressure.	6	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	4	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	1-140	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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)

Cood	1 001	11
Yes	No	
/	PSI	
Y95	No_	
Yes	No	1
Good	Poor	
Good	Poor	
Yes	No	

Poor

Poor

No

No)

NO

Product, Carbon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums Drums labeled? Drums palletized?

Recovery from DNAPL Drum Pure DNAPL to disposal drum.

DNAPL/water to disposal drum.

DNAPL/water to oil/water separator.

Recovery from Oil/Water Separator

Pure DNAPL to disposal drum.

DNAPL/water to disposal drum.

0	Drums
0	Drums
Yes	No
Yes	No
rder	

0.50

0

0

Gallons

Gallons

Gallons

Gallons

Gallons

Drums

Drums

1. Palmer 67.12 Technician:

Date:

Electrical and Heating Electric controls operational Heater operational

Spill evidence?

No No

Good

Yes

Good)

Yes

Yes

Yes

Ho

- LMAPL Budden reparred

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	24	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	A	Arrow
DNAPL drum container integrity. Leaks present?	Good Yes	Poor
ACCOMPANIES A LA MARCHA DE ROMA CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DE LA CONTRA DE LA CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DE LA CONTRA DE LA CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DE LA CONTRA DE LA CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DE L		
Decant valve integrity.	(Good)	Poor
		460
DNAPL Pump and Piping		
DNAPL piping integrity.	(Good)	Poor
DATABLE 1 10	Yes	No
DNAPL pump cleaned?	23.50	110

LNAPL/Groundwater System	1	
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	00	PSI
LNAPL pump pressure (departure)	94	PSI
Bubbler tube operating pressure.	6	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1-4	Arrow
Refill control setting (departure)	\searrow	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(No)
LNAPL top of pump depth.	14.40	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Yes')	No
Red warning light operational?	Ves	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

LNAPL/Groundwater System - (Continue	d)	
Transfer Pump and Piping	0	
Pump operational?	Yes	No
Pump integrity.	(Good)	Poor
Flow meter operational?	res	No
Transfer pump flow rate. 35	3547	GPM
Totalizer reading (cumulative volume).	272330	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	31	8.5
Filter unit 2 pressure @ Arrival (In /Out)	23	7.5
Filter unit 1 pressure @ Departure (In/Out)	23	9
Filter unit 2 pressure @ Departure (In/Out)	2323	7.5
C-4 T44 D		
Carbon Treatment Drums	(20)	
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	Q
Primary carbon drum pressure.	-5	PSI
Primary drum removed for disposal?	Yes	(Ng
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(140)
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	(No)
3-0		
Polishing carbon drum integrity.	Good	Perfor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.		PSI
Polishing drum rotated to secondaryl?	Yes	No
New carbon polishing drum?	Yes	No
replaced drum / by drait	120	
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	(Ng)
Electrical and Heating	W. T. C.	
Electric controls operational	(Yes	No
Heater operational	Yes	No

Miscellaneous - (Continued)		
Access Vaults	(3)	
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(NO)
Air Compressor Compressor operational? Compressor hours. Oil level checked?	10533.0	No Hours
Oil level changed?	Yes	No No
Compressor trap operating?	Yes	No
Regulator operating?	Yes)	No
Air lines performing properly?	Yes	No

Sampling		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		_
Sampling event?	- Monthly	Quarterly
Product sampled?	Yes	Na

Recovery and Disposal		
Recovery from DNAPL Drum	Negrous to	
Pure DNAPL to disposal drum.	.25	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	125	Gallons
Recovery from Oil/Water Separator	50 9/15	
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional))	Drums
Spent carbon drums	1	Drums
PPE/Solids drums	1	Drums
LNAPL drums	0	Drums
Drums labeled?	(Yes	No
Drums palletized?	(Yes)	No

Notes: & Swall benk @	regulate
- mode more keys	e Hovedopot
- Brought and placed corba and lydrota.	Ven It s

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	18	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	V_	Arrow
Green warning light operational?	Yes	No
High level shut off operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	(NO)
Decant valve integrity.	(Good,	Poor
		Was 1
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	7350	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	25	PSI
LNAPL pump pressure (departure)	25	PSI
Bubbler tube operating pressure.	8	PSI
Pneumatic settings adjusted?	Yes	CN9
Discharge control setting (departure)	T	Arrow
Refill control setting (departure)	70	Аптом
LNAPL Pump and Piping		
LNAPL piping integrity.	(Good)	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	1440	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Yes)	No
Red 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 needs cleaning?		

Yes (440	No Feet
12	
(Yes)	No
(Yes)	No
(Good	Poor
Yes	(No)
Good	Poor
Good	Poor
Yes	No
Yes	(No)
Yes	No)
	(Yes) (Good) Yes (Good) (Good) Yes Yes

LNAPL/Groundwater System - (Continue	d)	
Transfer Pump and Piping		
Pump operational?	(Yes)	No
Pump integrity.	(Good)	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	385	GPM
Totalizer reading (cumulative volume).	245746	Gallons
Water filters changed?	Yes	(No)
Filter unit 1 pressure @ Arrival (In/Out)	23	7.5
Filter unit 2 pressure @ Arrival (In /Out)	23	7.5
Filter unit 1 pressure @ Departure (In/Out)	23	3.5
Filter unit 2 pressure @ Departure (In/Out)	23	7.5
Carbon Treatment Drums		
Primary carbon drum integrity.	(Good)	Poor
Primary carbon drum leaks?	Yes	(GV)
Primary carbon drum pressure.	5	PSI
Primary drum removed for disposal?	Yes	No
Timely drain removed for disposar.		(110)
Secondary carbon drum integrity.	Good)	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	2	PSI
Secondary carbon rotated to primary?	Yes	(No)
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	0	PSI
Polishing drum rotated to secondaryl?	Yes	No'
New carbon polishing 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
r ipo at order dear!	(,63)	140

Miscellaneous		
Building and Site		
Remediation shed integrity.	(Good)	Poor
Shed ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	(Ng)
Spill evidence?	(Yes)	No
Electrical and Heating	80	
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.	10536.7	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	(N)
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Pre-Carbon Sample Time	1045	
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	(No)
Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	6	Gallons
DNAPL/water to oil/water separator.	-5	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	(7)	Gallons

DNAPL drums on-site (full and fractional)

Spent carbon drums

PPE/Solids drums

LNAPL drums

Drums labeled? Drums palletized? Drums

Drums

Drums

Drums

0

Sampling

Sampling Performed? Post Carbon Sample Time

Notes: * Bad eff bung seal attempted to repair with epoxy will put back online next visit * * #3 drum contain over flow a little vaced up nater and put in specific separates

Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	90	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	1	Arrow
Green warning light operational?	(Yes)	No
High level shut off operational?	Ves	No No
DNAPL drum container integrity.	Good	Poor
721 325 MACS	Yes	CM9
Leaks present?		
Decant valve integrity.	(Good)	Poor
The construction of the co	Good	Poor
The construction of the co	Good	Poor
Decant valve integrity.	Good	Poor

DNAPL top of pump depth.

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	CN9
Discharge control setting (departure)	ス	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.	1440	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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	(B)
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	(No)

Table 4-1

Transfer Pump and Piping		
Pump operational?	Kes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	366	GPM
Totalizer reading (cumulative volume).	247325	Gallons
Water filters changed?	Yes	M
Filter unit 1 pressure @ Arrival (In/Out)	24	8
Filter unit 2 pressure @ Arrival (In /Out)	20	フ
Filter unit 1 pressure @ Departure (In/Out)	25	10
Filter unit 2 pressure @ Departure (In/Out)	25	10
	£2	•
Carbon Treatment Drums	\sim	
Primary carbon drum integrity.	Goodi	Poor
Primary carbon drum leaks?	Yes	(a)
Primary carbon drum pressure.	7	PSI
Primary drum removed for disposal?	Yes	CND
Secondary carbon drum integrity.	Ġ _Q g€	Poor
Secondary carbon drum leaks?	Yes	(10)
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	W
Polishing carbon drum pressure.		PSI
Polishing drum rotated to secondaryl?	Yes	(Ng)
New carbon polishing 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	**************************************		Q= -1_000
Remediation shed integrity.		Good	Poor
Shed ventilation acceptable?	×	(Yes)	No
Repairs/work needed?		Yes	(N)
Spill evidence?		Yes	No
Electrical and Heating		-	
Electric controls operational		Ves	No
Heater operational		(Yes)	No

Site Visit Checklist/Data Sheet

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	(Goga)	Poor
Repairs needed to vaults?	Yes	ENG.
<u>Air Compressor</u>		
Compressor operational?	(Yes)	No
Compressor hours.	105425	Hours
Oil level checked?	(Ve)	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Sampling Performed?	Yes	NO.
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		****
Pure DNAPL to disposal drum.	_	Gallons
DNAPL/water to disposal drum.	Name of Street	Gallons
DNAPL/water to oil/water separator.	38	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	125	Gallons
Product, Carbon, Waste Storage	j	·
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums	1	Drums
PPE/Solids drums	1	Drums
LNAPL drums	-	Drums
Drums labeled?	Yes	No
Drums palletized?	(Yes	No

Notes: X Alded vent to comp. 100 m door - 28 galls from DNAPL drum to sepall water

~					- 24
•	•	-	-	4-	7
•	~		_	44 m	

DNAPL System		
Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	V	Arrow
High level shut off operational? Green warning light operational?	Yes	No No
DNAPL Drum		T
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.	2350	Feet

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	30	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	6	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	71	Arrow
LNAPL pump cleaned? LNAPL top of pump depth.	Yes 14.40	No Feet
	1.1-	1000
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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:	T. Palmer
Date:	7-5-12

Transfer Pump and Piping		
Pump operational?	(Yes)	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	4.05	GPM
Totalizer reading (cumulative volume).	247 960	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)		8.5
Filter unit 2 pressure @ Arrival (In /Out)	25	8.5
Filter unit 1 pressure @ Departure (In/Out)	16	7
Filter unit 2 pressure @ Departure (In/Out)	23	7
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(Nb
Primary carbon drum pressure.	6	PSI
Primary drum removed for disposal?	Yes	(No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(No
Secondary carbon drum pressure.	25	PSI
Secondary carbon rotated to primary?	Yes	No
30		
Polishing carbon drum integrity.	CGcod	Poor
Polishing carbon drum leaks?	Yes	(No)
Polishing carbon drum pressure.	0.5	PSI
Polishing drum rotated to secondaryl?	Yes	(No)
New carbon polishing drum?	Yes	(No)
Discharge Piping	James yet 2000 pp.	
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	Water the Control	
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 - Off	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.	10545.6	Hours
Oil level checked?	VES	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	(Yes	No

Sampling		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	32	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	1	Drums
PPE/Solids drums	1	Drums
NAPL drums		Drums
Orums 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)

DNAPL Drum

Leaks present?

Decant valve integrity.

High level shut off operational? Green warning light operational? DNAPL drum container integrity.

DNAPL piping integrity.
DNAPL pump cleaned?
DNAPL top of pump depth.

Table 4-1

LNAPL/Groundwater System - (Continued)

es	(No)
7	PSI
)	PSI
es)	No
	Arrow
	Arrow
es)	No No
od'	Poor
	No
es	(INU)
es od	Poor
2.7	
27	

Feet

23.50

Operational upon arrival?	(Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	70	PSI
Bubbler tube operating pressure.	~	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	71	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.	14,40	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Yes)	No
Red 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
		No

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	(Yes)	No
Transfer pump flow rate.	3.25	GPM
Totalizer reading (cumulative volume).	248151	Gallons
Water filters changed?	Yes	(No)
Filter unit 1 pressure @ Arrival (In/Out)	25	6.5
Filter unit 2 pressure @ Arrival (In /Out)	25	C
Filter unit 1 pressure @ Departure (In/Out)	25	6.5
Filter unit 2 pressure @ Departure (In/Out)	25	6
Carbon Treatment Drums	~	
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	4.5	PSI
Primary drum removed for disposal?	Yes	(No)
r filling draff felloved for disposar:	160	(NO)
Secondary carbon drum integrity.	(Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	2	PSI
Secondary carbon rotated to primary?	Yes	(No.
decondary carbon rotated to primary?	res	140,
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	res	PSI
Polishing drum rotated to secondaryl?	Yes	(No
New carbon polishing drum?		-
New carbon polishing druin?	Yes	(No
Discharge Dining		
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		
	(0.11)	
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	(No)
Air Compressor		
Compressor operational?	(Yes/	No
Compressor hours.	10547.0	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		
Sampling Performed?	Yes	(NO)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	70	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
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	6	Drums
Drums labeled?	Yes	No
Drums palletized?	(Yes)	No

Notes: * Down full on arrivail
green light on DNAPL pump off

Table 4-1

Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	30	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	(Yes)	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	*	Arrow
Green warning light operational?	Yes	No
DNAPL Drum High level shut off operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	(No)
Decant valve integrity.	(Good)	Poor
DNAPL Pump and Piping		
	(Good)	Poor
DNAPL piping integrity.		-
DNAPL piping integrity. DNAPL pump cleaned?	Yes	No)

LNAPL/Groundwater System Operational upon arrival?	(77.2)	
[전화기 : : [전기 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	(Yes)	No
LNAPL pump pressure (arrival)	1	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	7	PSI
Pneumatic settings adjusted?	(Yes)	No
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	3/	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	(Good)	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14.40	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes'	No
Red 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
INIADI in server o	Yes	(No)
LNAPL in separator?		
Separator needs cleaning?	Yes	(No)

Technician:	M. Vaish	
Date:	7/17/12	

LNAPL/Groundwater System - (Continue Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	41.17	GPM
Totalizer reading (cumulative volume).	248408	Gallons
Water filters changed?	Yes	(No)
Filter unit 1 pressure @ Arrival (In/Out)	17	9
Filter unit 2 pressure @ Arrival (In /Out)	17	9
Filter unit 1 pressure @ Departure (In/Out)	(, 5)	9
Filter unit 2 pressure @ Departure (In/Out)	17	G
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(No.
Primary carbon drum pressure.	7	PSI
Primary drum removed for disposal?	Yes	No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	,No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	1	PSI
Polishing drum rotated to secondaryl?	Yes	No
New carbon polishing 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	(No)
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	10549.4	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		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		~
Pre-Carbon Sample Time	1912 - 1913 - 1913	/
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	Ó	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	3	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	D	Gallons
Product, Carbon, Waste Storage	5	
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums	1	Drums
PPE/Solids drums	-	Drums
LNAPL drums	0	Drums
Drums labeled?	Yes	No
Drums palletized?	(Yes)	No

Table 4-1

DNAPL System		
Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	Zo	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	t	Arrow
Green warning light operational? DNAPL drum container integrity.	(Good	No Poor
Green warning light operational?	Yes	No
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.	23.50	Feet

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	70	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	6	PSI
Pneumatic settings adjusted?	Yes	Ng
Discharge control setting (departure)	->	Arrow
Refill control setting (departure)	7	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	Ne
LNAPL top of pump depth.	1440	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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:	M. Ken a	
Date:	7/25/12	

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	(Yes)	No
Transfer pump flow rate.	4.25	GPM
Totalizer reading (cumulative volume).	248582	Gallons
Water filters changed?	Yes	(No')
Filter unit 1 pressure @ Arrival (In/Out)	30	9
Filter unit 2 pressure @ Arrival (In /Out)	19	9
Filter unit 1 pressure @ Departure (In/Out)	20	9
Filter unit 2 pressure @ Departure (In/Out)	19	9
Carbon Treatment Drums	-	
Primary carbon drum integrity.	'Good'	Poor
Primary carbon drum leaks?	Yes	(No
Primary carbon drum pressure.		PSI
Primary drum removed for disposal?	Yes	(No
	- 2	
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No)
Secondary carbon drum pressure.	Ly	PSI
Secondary carbon rotated to primary?	Yes	(No
	_	
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	1	PSI
Polishing drum rotated to secondaryl?	Yes	No
New carbon polishing 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	(No
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	10552.7	Hours
Oil level checked?	Yes	No
Oil level changed?	res	No
Compressor trap operating?	Yes	100
Regulator operating?	(Yes)	No
Air lines performing properly?	(Yes	No

Sampling		
Sampling Performed?	(Yes)	No
Post Carbon Sample Time	1110	
Pre-Carbon Sample Time	400	
Sampling event?	(Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	50	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	6	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums	1	Drums
PPE/Solids drums	/	Drums
LNAPL drums	0	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

7	ab	10	1.	1
	an	10	4-	٠,

DNAPL System	- Line -	
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	(No
Discharge control setting (departure)	K	Arrow
Refill control setting (departure)	1	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	10-1-1-1-1-1-1-1-1	
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	(No)
DNAPL top of pump depth.	23.50	Feet

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	6	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	7	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.	14.40	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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:

Date:_

LNAPL/Groundwater System - (Continue	ed)	
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	4,29	GPM
Totalizer reading (cumulative volume).	248731	Gallons
Water filters changed?	Yes	(NO)
Filter unit 1 pressure @ Arrival (In/Out)	19	9.5
Filter unit 2 pressure @ Arrival (In /Out)	18	9
Filter unit 1 pressure @ Departure (In/Out)	21	9 -
Filter unit 2 pressure @ Departure (In/Out)	20	8.5
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	5	PSI
Primary drum removed for disposal?	Yes	(N9
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	CN9
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Y'3S	CNÓ
Polishing carbon drum integrity. Polishing carbon drum leaks? Polishing carbon drum pressure.	✓Good> Yes	Poor No PSI
Polishing drum rotated to secondaryl?	Yes	(No)
New carbon polishing drum?	Yes	(No)
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	CYes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No
		3070
Miscellaneous		
Building and Site		
Remediation shed integrity.	Good	Poor
Shed ventilation acceptable?	Yes	_No
Repairs/work needed?	Yes	No
Spill evidence?	Yes	No
	<u> </u>	
Electrical and Heating		
Electric controls operational	Yes)	No
leater operational - 0 ff	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.	10555-5	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	Nó
Compressor trap operating?	(Yes)	No
Regulator operating?	Ves	No
Air lines performing properly?	Yes	No

Sampling		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
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.	50	Galions
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		Drums
LNAPL drums		Drums
Drums labeled?	Yes	No
Drums palletized?	(Yes)	No

Notes: - Ald bleach to 595.10m

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	10	Arrow
Refill control setting (departure)	1	Arrow
DNAPL drum container integrity.	Good	Poor
High level shut off operational? Green warning light operational?	Yes	No No
Para Albanya da Bandara		
Leaks present?	Yes	(No)
Decant valve integrity.	(Good)	Poor
DNAPL Pump and Piping	W	
	Good	Poor
DNAPL piping integrity. DNAPL pump cleaned?	Yes	No

LNAPL/Groundwater System	1 (5:3	T
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	80	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	-	Arrow
Refill control setting (departure)	3	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	14.40	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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
NAPL in separator?	Yes	(No)
Separator needs cleaning?	Yes	(No)

LNAPL/Groundwater System - (Continue	ed)	
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3.71	GPM
Totalizer reading (cumulative volume).	24885 G	Gallons
Water filters changed?	Yes	(No)
Filter unit 1 pressure @ Arrival (In/Out)	21	7
Filter unit 2 pressure @ Arrival (In /Out)	17	7
Filter unit 1 pressure @ Departure (In/Out)	22	Ż
Filter unit 2 pressure @ Departure (In/Out)	17	6.5
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	5	PSI
Primary drum removed for disposal?	Yes	No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	6
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	(6)
		27
Polishing carbon drum integrity.	(Good)	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.		PSI
Polishing drum rotated to secondaryl?	Yes	No
New carbon polishing drum?	Yes	NG
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
Hoster enerational	V	A1-

Miscellaneous - (Continued)		
Access Vaults	7-22-	
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(-NO)
38°		
<u>Air Compressor</u>		
Compressor operational?	(Yes)	No
Compressor hours.	10558.4	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	NO
Compressor trap operating?	Ves	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling	The second second	-
Sampling Performed?	Yes	(No
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	4	Gallons
DNAPL/water to disposal drum.		Gallons
DNAPL/water to oil/water separator.	60	Gallons
Recovery from Oil/Water Separator	_	
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	20	Drums
Spent carbon drums	i	Drums
PPE/Solids drums	1	Drums
LNAPL drums	0	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

DNAPL System		
Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	16	Arrow
Refill control setting (departure)	V	Arrow
Green warning light operational?	Yes	No
High level shut off operational?	Yes	No
	Good	
DNAPL drum container integrity.		Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL piping integrity. DNAPL pump cleaned?	Yes	Poor

LNAPL/Groundwater System Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	-7	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.	14.40	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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

DNAPL top of pump depth.

Technician:	T. Palmer	
Date:	8-16-12	

Table 4-1

Transfer Pump and Piping		
Pump operational?	(Yes)	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3.57	GPM
Totalizer reading (cumulative volume).	249340	Gallon
Water filters changed?	ves	(No
Filter unit 1 pressure @ Arrival (In/Out)	18	65
Filter unit 2 pressure @ Arrival (In /Out)	17	6.5
Filter unit 1 pressure @ Departure (In/Out)	20	7
Filter unit 2 pressure @ Departure (In/Out)	18	
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(ND)
Primary carbon drum pressure.	5	PSI
Primary drum removed for disposal?	Yes	No
Secondary southern day on interests.	Good	D
Secondary carbon drum integrity.	Yes	Poor
Secondary carbon drum leaks?	7 es	PSI
Secondary carbon drum pressure.		(No)
Secondary carbon rotated to primary?	Yes	(NO)
Polishing carbon drum integrity.	Good>	Poor
Polishing carbon drum leaks?	Yes	(No
Polishing carbon drum pressure.	1	PSI
Polishing drum rotated to secondaryl?	Yes	(No)
New carbon polishing 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 - OFF	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.	10561.7	Hours
Oil level checked?	CYES	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum	,,	
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	50	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	i	Drums
Spent carbon drums	1	Drums
PPE/Solids drums	1	Drums
LNAPL drums	0	Drums
Drums labeled?	(Yes)	No
Drums palletized?	Yes	No

Table 4-1

Site Visit Checklist/Data Sheet

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	(N)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	V	Arrow
Green warning light operational? DNAPL drum container integrity.	Good	No Poor
High level shut off operational?	(Yé)	No
	(Good	
Leaks present?	Yes	(M)
Decant valve integrity.	(Good)	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	(NO)
DNAPL top of pump depth.	23 50	Feet

Operational upon arrival?	(Yes)	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	71	Arrow
Refill control setting (departure)	-A-	Arrow
LNAPL Pump and Piping		8
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(Ndr
LNAPL top of pump depth.	14.40	Feet
Oil/Water Separator	12	
Water high level shut-off operational?	Y08	No
Red 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	Ø
Separator needs cleaning?	Yes	1
Separator cleaned?	Yes	(NO)

Technician:

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	100	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3 G3	GPM
Totalizer reading (cumulative volume).	249430	Gallons
Water filters changed?	Yes	V(O)
Filter unit 1 pressure @ Arrival (In/Out)	22	7.5
Filter unit 2 pressure @ Arrival (In /Out)	16	7
Filter unit 1 pressure @ Departure (In/Out)	13	7
Filter unit 2 pressure @ Departure	15	6.5
Carbon Treatment Drums		
Primary carbon drum integrity.	(6.3)	Deer
	(Good)	Poor
Primary carbon drum leaks? Primary carbon drum pressure.	Yes	
	-3	PSI
Primary drum removed for disposal?	Yes	(D)
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No.
Secondary carbon drum pressure.	2	PSI
Secondary carbon rotated to primary?	Yes	Ne
Polishing carbon drum integrity.	Goob	Poor
Polishing carbon drum leaks?	Yes	(6)A
Polishing carbon drum pressure.)	PSI
Polishing drum rotated to secondaryl?	Yes	W G
New carbon polishing drum?	Yes	/No2

Discharge Piping Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	
Pipe at catch basin clear?	Ves Ves	Poor No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	(Yes)	No
		110
Miscellaneous		
Building and Site		
Remediation shed integrity.	Good	Poor
Shed ventilation acceptable?	(Var	No

Repairs/work needed?

Electrical and Heating

Heater operational

Electric controls operational

Spill evidence?

Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	100
Air Compressor		
Compressor operational?	Yès	No
Compressor hours.	10564.1	Hours
Oil level checked?	₹e ś	No
Oil level changed?	Yes	100
Compressor trap operating?	Yes	No
Regulator operating?	Ves	No

Sampling		
Sampling Performed?	Yes	No
Post Carbon Sample Time	1200	
Pre-Carbon Sample Time	1220	
Sampling event?	Monthly	Suerterly
Product sampled?	Yes	(Na

Recovery and Disposal		
Recovery from DNAPL Drum	-	
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	O	Gallons
DNAPL/water to oil/water separator.	40	Gallons
Recovery from Oil/Water Separator	V	
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
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	0	Drums
Drums labeled?	(Yes	No
Drums palletized?	Yes	No

Notes:

No

No

No

Yes

Yes

Table 4-1

Site Visit Checklist/Data Sheet

DNAPL System		
Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	50	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	(No
Discharge control setting (departure)	4	Апоw
Refill control setting (departure)	1	Arrow
Green warning light operational? DNAPL drum container integrity.	(Yes	No Poor
		025
Leaks present?	Yes	1
Decant valve integrity.	Good 7	Poor
DNAPL Pump and Piping DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	(No)
DNAPL top of pump depth.	23.50	Feet

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	(Ng
Discharge control setting (departure)	3	Arrow
Refill control setting (departure)	-33	Arrow
	-	
LNAPL piping integrity. LNAPL pump cleaned?	Yes	Poor
LNAPL top of pump depth.	1440	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Yes)	No
Red warning light operational?	(Yes)	No
Separator vessel integrity.	(Goo)d	Poor
Leaks present?	Yes	DO
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
	Yes	No
LNAPL in separator?	100	()
LNAPL in separator? Separator needs cleaning?	Yes	(M)

Technician:	m. Reisily	W =
Date:	8 29/12	

Transfer Pump and Piping		
Pump operational?	(Yes)	No
Pump integrity.	Good	Poor
Flow meter operational?	Ves .	No
Transfer pump flow rate.	3.24	GPM
Totalizer reading (cumulative volume).	249462	Gallons
Water filters changed?	Yes	(N)
Filter unit 1 pressure @ Arrival (In/Out)	15	C, S
Filter unit 2 pressure @ Arrival (In /Out)	15	(~
Filter unit 1 pressure @ Departure (In/Out)	15	6.5
Filter unit 2 pressure @ Departure	15	7.0
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	109
Primary carbon drum pressure.	4	PSI
Primary drum removed for disposal?	Yes	(N)
Secondary carbon drum integrity.	Geed	Poor
Secondary carbon drum leaks?	Yes	No.
Secondary carbon drum pressure.		PSI
Secondary carbon rotated to primary?	Yes	(N)
Polishing carbon drum integrity.	Geod	Door
Polishing carbon drum leaks?		Poor
Polishing carbon drum pressure.	Yes	<u>W</u>
Polishing drum rotated to secondary!?		PSI
New carbon polishing drum?	Yes	
New Carbon polishing grunn:	Yes	(Ng)
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

Access Vaults		- 2
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	W.
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	105G7	Hours
Oil level checked?	Ves	No
Oil level changed?	Yes	670
Compressor trap operating?	6	No
Regulator operating?	(es	No

Sampling		1
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		7
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery from DNAPL Drum Pure DNAPL to disposal drum.		Callana
DNAPL/water to disposal drum.	8	Gallons
		Gallons
DNAPL/water to oil/water separator.		Gallons
Recovery from Oil/Water Separator		49 77
Pure DNAPL to disposal drum.	9	Gallons
DNAPL/water to disposal drum.	0	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	}	Drums
Spent carbon drums	1	Drums
PPE/Solids drums	1	Drums
LNAPL drums	0	Drums
Drums labeled?	(Yes)	No
Drums palletized?	Yes	No

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	70	PS1
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	1	Arrow
	-	100
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
	(Good	Poor
Decant valve integrity.		
Decant valve integrity. DNAPL Pump and Piping		
	Good	Poor
DNAPL Pump and Piping	Good Yes	Poor

Operational upon arrival?	(Yes)	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	(No
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	7	Arrow
A CONTRACTOR OF STATE	1440	1000 10
LNAPL piping integrity. LNAPL pump cleaned?	Yes	Poor
LNAPL top of pump depth.	14 40	Feet
Oil/Water Separator		
Water high level shut-off operational?	(X98)	No
	Yes	No No
Water high level shut-off operational?		0.00
Water high level shut-off operational? Red warning light operational?	Yes	No
Water high level shut-off operational? Red warning light operational? Separator vessel integrity.	(Good	No Poor
Water high level shut-off operational? Red warning light operational? Separator vessel integrity. Leaks present?	(Yes) (Good Yes	No Poor
Water high level shut-off operational? Red warning light operational? Separator vessel integrity. Leaks present? Separator cover and seal integrity.	(Good Yes	No Poor (No Poor
Water high level shut-off operational? Red warning light operational? Separator vessel integrity. Leaks present? Separator cover and seal integrity. Decant valve integrity.	(Good Yes Good (Good	No Poor Poor Poor

Technician:_

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	res	No
Transfer pump flow rate.	3.47	GPM
Totalizer reading (cumulative volume).	250040	Gallons
Water filters changed?	Yes	(No)
Filter unit 1 pressure @ Arrival (In/Out)	14	8
Filter unit 2 pressure @ Arrival (In /Out)	15	G
Filter unit 1 pressure @ Departure (In/Out)	1.5	7
Filter unit 2 pressure @ Departure	15	.7
Services Consists Therefore the Consist Services Services Consists Services		
Carbon Treatment Drums		
Primary carbon drum integrity.	Gooti	Poor
Primary carbon drum leaks?	(Yes	No
Primary carbon drum pressure.	2	PSI
Primary drum removed for disposal?	Yes	169
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(N)
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	M9
Polishing carbon drum pressure.	1	PSI
Polishing drum rotated to secondaryl?	Yes	60
New carbon polishing drum?	Yes	69
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

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

Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(No)
Air Compressor		
Compressor operational?	(Yes	No
Compressor hours.	10561.8	Hours
Oil level checked?	(es)	No
Oil level changed?	Yes	No
Compressor trap operating?	(Feb	No
Regulator operating?	₹es	No
Air lines performing properly?	Yes	No

Sampling		
Sampling Performed?	Yes	64
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	40	Gallons
Recovery from Oil/Water Separator		_
Pure DNAPL to disposal drum.	0	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

Notes: Fixed Sush back @ C-7
add a little oil to Compressor

Table 4-1

LNAPL/Groundwater System - (Continued)

Transfer Pump and Piping

Site Visit Checklist/Data Sheet

DNAPL pump pressure (departure) Pneumatic settings adjusted? Discharge control setting (departure) Refill control setting (departure) DNAPL Drum High level shut off operational?	Operational upon arrival?	(Yes	No
Pneumatic settings adjusted? Discharge control setting (departure) Refill control setting (departure) DNAPL Drum High level shut off operational? Yes And And Yes N	DNAPL pump pressure (arrival)	20	PSI
Discharge control setting (departure) Refill control setting (departure) DNAPL Drum High level shut off operational?	DNAPL pump pressure (departure)	2.=	PSI
Refill control setting (departure) DNAPL Drum High level shut off operational? Yes N	Pneumatic settings adjusted?	Yes	(Nø
DNAPL Drum High level shut off operational? Yes N	Discharge control setting (departure)	T	Arrow
High level shut off operational? (Yes) N	Refill control setting (departure)	de	Arrow
DNAPI drum container integrity Good Po			0.000
	Green warning light operational?		No
300 J 7 y 2 y 3 W 00 14 200 C W 7 C 10 C	DNAPL drum container integrity.		Poor
	Leaks present?		100
Decant valve integrity. Good Po	ages B to an or see	\ Good	Poor
	Decant valve integrity.	Coga	
AND AND ADDRESS OF THE PARTY OF	DNAPL Pump and Piping		
AND AND ADDRESS OF THE PARTY OF	DNAPL Pump and Piping		Poor
DNAPL piping integrity.	45 × 52 × 52 × 52 × 52 × 52 × 52 × 52 ×	Good	Poor

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	NO
Discharge control setting (departure)	70	Arrow
Refill control setting (departure)	×	Arrow
LNAPL top of pump depth	Yes	Feet
LNAPL top of pump depth.	14.40	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	100
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	(0)
Separator needs cleaning?	Yes	(N)
Separator cleaned?	Yes	649

Technician:

Pump operational?	(Yes7	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3.8%	GPM
Totalizer reading (cumulative volume).	251787	Gallons
Water filters changed?	Yes	Nó
Filter unit 1 pressure @ Arrival (In/Out)	20	F
Filter unit 2 pressure @ Arrival (In /Out)	13	Ŕ
Filter unit 1 pressure @ Departure (In/Out)	17	7
Filter unit 2 pressure @ Departure	13	8
Times and a proposition to population	L	
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	W
Primary carbon drum pressure.	5	PSI
Primary drum removed for disposal?	Yes	(No)
Filliary druit fellioved for disposal:	162 1	
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	1 00
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	100
Gecondary carbon rotated to primary:	165 1	- 60
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	6
Polishing carbon drum pressure.)	PSI
Polishing drum rotated to secondaryl?	Yes	(No.
New carbon polishing drum?	Yes	NO NO
New Carbon polishing drum:	165	INC
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.	(G000)	Poor
Pipe at creek clear?	Yes	No
Miscellaneous		- Holonor
Building and Site		
Remediation shed integrity.	Good	Poor
Shed ventilation acceptable?	(Yes	No
Repairs/work needed?	Yes	
Spill evidence?	Yes	(NO)
Electrical and Heating	V	
Electrical and Heating		
Electric controls 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.	10572.3	Hours
Oil level checked?	(es)	No
Oil level changed?	Yes	674
Compressor trap operating?	(es	No
Regulator operating?	Ves	No
Air lines performing properly?	(es	No

Sampling		
Sampling Performed?	Yes	No
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	40	Gallons
27 - 50 T T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Recovery from Oil/Water Separator	0	T
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	0	Drums
Drums labeled?	Yes	No
Drums palletized?	(Yes)	No

Notes: Changed well are head where (isshing)

Table 4-1

Site Visit Checklist/Data Sheet

DNAPL System		
Operational upon arrival?	(Ýes)	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	ao ao	PSI
Pneumatic settings adjusted?	Yes	(N)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	4	Arrow
Green warning light operational? DNAPL drum container integrity. Leaks present?	(Yés) Good	Poor
Leaks present?	Yes	Nò
Decant valve integrity.	Crood	Poor
DNAPL Pump and Piping	2200000	
DNAPL piping integrity.	(Good)	Poor
DNAPL pump cleaned?	Yes	(No)
	23,50	Feet

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	(N)
Discharge control setting (departure)	\rightarrow	Arrow
Refill control setting (departure)	7	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(N)
LNAPL top of pump depth.	14.40	Feet
Oil/Water Separator Water high level shut-off operational?	Yes	No
Red 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)

Transfer Pump and Piping		
Pump operational?	(Yes)	No
Pump integrity.	Good	Poor
Flow meter operational?	Tes	No
Transfer pump flow rate.	3.35	GPM
Totalizer reading (cumulative volume).	252,000	Gallon
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	16	7
Filter unit 2 pressure @ Arrival (In /Out)	15	7.
Filter unit 1 pressure @ Departure (In/Out)	16	64
Filter unit 2 pressure @ Departure	17	6
1		
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(No
Primary carbon drum pressure.	5	PSI
Primary drum removed for disposal?	Yes	(No)
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	2.5	PSI
Secondary carbon rotated to primary?	Yes	N
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishina carbon drum pressure,	0.5	PSI
Polishina drum rotated to secondaryl?	Yes	(No
New carbon polishing drum?	Yes	6
W 300		
Discharae Pipina		
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)
opin cridence.	163	
Electrical and Heating		
Electric centrale energtional	(600)	

Yes

Heater operational

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	(Good)	Poor
Repairs needed to vaults?	Yes	No
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	105761	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		
Sampling Performed?		No
Post Carbon Sample Time	730	
Pre-Carbon Sample Time	740	
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	110	Gallons
DNAPL/water to oil/water separator.	45	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.		Gallons
Product. Carbon. Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums	1	Drums
PPE/Solids drums		Drums
LNAPL drums	8	Drums
Drums labeled?	(Yee)	No
Drums palletized?	Yes	No

Notes: Monthly Sampling

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Ye	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	20	P <u>S</u> I
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	4	Arrow
Green warning light operational? DNAPL drum container integrity.	Good	No Poor
DNAPL Drum High level shut off operational?	Vel	No
THE STATE OF THE PARTY OF THE P		
Leaks present?	Yes	M
Decant valve integrity.	Good	Poor
		~
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	(N)
DNAPL top of pump depth.	22 50	Feet

LNAPL/Groundwater System	163	
Operational upon arrival?	(Yes)	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	70	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	Ø
Discharge control setting (departure)	4	Arrow
Refill control setting (departure)	w	Arrow
LNAPL pump cleaned? LNAPL top of pump depth.	12) L/O	Feet
LNAPL piping integrity.	G000	Poor
ENAIL top of pump deput.	1,,	1000
Oil/Water Separator	V 100 41500000000000000000000000000000000	
Water high level shut-off operational?	Yes	No
Red warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	NO
	Good	Poor
10 (15 to 16 to 17) ■ Clinton (1 to 16 t		
Separator cover and seal integrity.	Good	Poor
Separator cover and seal integrity. Decant valve integrity.	ALCOHOL:	
AND STATE OF SECTION AND SECTION AND SECTION ASSESSMENT AND SECTION ASSESSMENT AND SECTION ASSESSMENT ASSESSME	Good	Poor

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	(Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	(Fess)	No
Transfer pump flow rate.	334	GPM
Totalizer reading (cumulative volume).	253574	Gallons
Water filters changed?	Yes	(N)
Filter unit 1 pressure @ Arrival (In/Out)	15	7
Filter unit 2 pressure @ Arrival (In /Out)	15	7
Filter unit 1 pressure @ Departure (In/Out)	15	つ
Filter unit 2 pressure @ Departure	15	7
Carbon Treatment Drums		
	67	
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	NO_
Primary carbon drum pressure.		PSI
Primary drum removed for disposal?	Yes	(No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	409
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	_ (No
		No.
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	(014
Polishing carbon drum pressure.		PSI
Polishing drum rotated to secondaryl?	Yes	479
New carbon polishing drum?	Yes	<u>м</u>
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?	763	No
Spill evidence?	Yes	(No)

Access Vaults		
Overall vault integrity.	(Go∂d	Poor
Repairs needed to vaults?	Yes	(M)
Air Compressor		
Compressor operational?	(Yei	No
Compressor hours.	10578,8	Hours
Oil level checked?	(Pet	No
Oil level changed?	Yes	(O/A)
Compressor trap operating?	(Yels	No
D	(Yes	No
Regulator operating?	11.00	

Sampling		- 1-
Sampling Performed?	Yes	No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		r
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	55	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	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	0	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	26	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	1	Arrow
DNAPL drum container integrity.	Good	Poor
High level shut off operational? Green warning light operational?	Yes	No No
Leaks present?	Yes	(No)
Decant valve integrity.	(Good)	Poor
1214 PAGE 1		
DNAPL Pump and Piping	Good	Poor
DNAPL Pump and Piping DNAPL piping integrity.	(Good)	
	Yes	400

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)	7	Arrow
LNAPL pump cleaned? LNAPL top of pump depth.	Yes 14.40	No Feet
LNAPL Pump and Piping LNAPL piping integrity.	Good	Poor
LNAPL top of pump depth.	14.40	Feet
Oil/Water Separator	4	
Water high level shut-off operational?	(Yes)	No
Red 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	100)

Technician:_	M.	M	usub	
Date:	10	17	12	0.380

Transfer Pump and Pipina		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3.41	GPM
Totalizer reading (cumulative volume).	253852	Gallons
Water filters changed?	Yes	(No)
Filter unit 1 pressure @ Arrival (In/Out)	15	フ
Filter unit 2 pressure @ Arrival (In /Out)	15	7
Filter unit 1 pressure @ Departure (In/Out)	13	7
Filter unit 2 pressure @ Departure	15	-7
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	5	PSI
Primary drum removed for disposal?	Yes	<u>100</u>
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	2.5	PSI
Secondary carbon rotated to primary?	Yes	No
Polishina carbon drum intearity.	Goodi	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	, k	PSI
Polishing drum rotated to secondaryl?	Yes	No
New carbon polishing drum?	Yes	100
Discharge Piping	2.002.000	
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

Good Po
Yes N
Yes N
5.302

Access Vaults		
Overall vault intearity.	Good	Poor
Repairs needed to vaults?	Yes	No
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	10581	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
D	Yes	No
Regulator operating?	1.03	

Sampling		
Sampling Performed?	Yes	No
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		117 - 101 (101 - 101)
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	20	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
Product. Carbon. Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums		Drums
PPE/Solids drums	1	Drums
LNAPL drums	0	Drums
Drums labeled?	(Yes)	No
Drums palletized?	(Yes)	No

Table 4-1

Site Visit Checklist/Data Sheet

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	7	Arrow
Green warning light operational?	(Ca)	No
High level shut off operational?	(Yes)	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
		Dane
DNAPL piping integrity.	(Good)	Poor
DNAPL piping integrity. DNAPL pump cleaned?	Yes Yes	(%)

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	Zw	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	(g)
Discharge control setting (departure)	,29	Arrow
Refill control setting (departure)	120	Arrow
LNAPL top of pump depth.	1440	Feet
LNAPL top of pump depth.	1440	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	60
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Goods	Poor
LNAPL in separator?	Yes	160
Separator needs cleaning?	Yes	60

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping	*********	- u-
Pump operational?	(Yes)	No
Pump integrity.	6001	Poor
Flow meter operational?	8	No
Transfer pump flow rate.	247	GPM
Totalizer reading (cumulative volume).	255 263	
		Gallons
Water filters changed?	Yes	(Ng/
Filter unit 1 pressure @ Arrival (In/Out)	15	٠,
Filter unit 2 pressure @ Arrival (In /Out)	12	/
Filter unit 1 pressure @ Departure (In/Out)	15	
Filter unit 2 pressure @ Departure	15	~7
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	NO.
Primary carbon drum pressure.	1	PSI
Primary drum removed for disposal?	Yes	(NS)
Primary drum removed for disposar:	L jes i	UNO
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	NO
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No)
Polishing carbon drum pressure.	- 1	PSI
Polishing drum rotated to secondaryl?	Yes	(No)
New carbon polishing drum?	Yes	(No.)
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	G000	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.
Air Commons		
Air Compressor		
Compressor operational?	(Yes	No_
Compressor hours.	10583,8	Hours
Oil level checked?	(Yes)	No
Oil level changed?	Yes	Qu Qu
Compressor trap operating?	Yes	No
Regulator operating?	<u></u>	No
Air lines performing properly?	(Yes	No

Sampling		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum	7	
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	15	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	9	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage	F	
DNAPL drums on-site (full and fractional)	/	Drums
Spent carbon drums	1	Drums
PPE/Solids drums	/	Drums
LNAPL drums	0	Drums
Drums labeled?	(Yes)	No
Drums palletized?	(Yes)	No

Notes:	ANO	kd	Cl	lover	pro	ths
to 5	unp	duc	J	Separ	nter	

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	1	Arrow
The second secon	The state of the s	6896
High level shut off operational? Green warning light operational?	(es) (es)	No No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	(No)
Decant valve integrity.	Good)	Poor
e-manufat terminas Adalas - Discore - Adalas - Discore		
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
	Yes	(No)
DNAPL pump cleaned?	103	4.0

LNAPL/Groundwater System Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	(No
Discharge control setting (departure)	100	Arrow
Refill control setting (departure)	~3	Arrow
LNAPL top of pump depth.	14.40	Feet
LNAPL piping integrity. LNAPL pump cleaned?	Good Yes	Poor
ENALE top of pump depth.	1 1 10 1	1001
Oil/Water Separator	90	
Water high level shut-off operational?	Yes	No
Red warning light operational?	CYES	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	Wo
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	1
AZBODIO PROPERTO DE CONTRA POR CONTRA DE CONTR	N	100
Separator needs cleaning?	Yes	1

M. Keisch

17/12

10

Technician:

Date:

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.	3.66	GPM
Totalizer reading (cumulative volume).	256657	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	15	7
Filter unit 2 pressure @ Arrival (In /Out)	14	6.5
Filter unit 1 pressure @ Departure (In/Out)	1<	7
Filter unit 2 pressure @ Departure	15)
Naz 60 (Naza) 99 30 (444		
Carbon Treatment Drums		14-100-00-0
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	(=	PSI
Primary drum removed for disposal?	Yes	No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	No
(4)		
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	NO
Polishing carbon drum pressure.		PSI
Polishing drum rotated to secondaryl?	Yes	TNo
New carbon polishing drum?	Yes	No
		7
Discharge Piping		Town 2
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?

Electrical and Heating

Heater operational

Electric controls operational

Spill evidence?

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(No)
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	10587.6	Hours
Oil level checked?	(Vee)	No
Oil level changed?	Yes	(NO)
Compressor trap operating?	Yes	No
Regulator operating?	প্তিজ	No
Air lines performing properly?	6	No

Sampling		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	25	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	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	D	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Notes:

NO

No

No

Yes

Yes

Yes

Yes

Table 4-1

Site Visit Checklist/Data Sheet

DNAPL pump pressure (arrival) DNAPL pump pressure (departure) Pneumatic settings adjusted?	70 70 Yes	PSI PSI
Pneumatic settings adjusted?		20000
1 T 1		-
Disabassa sautusl autima (Janastana)		No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	7	Arrow
STATE OF THE PARTY	- Contract	
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	ØD.
Decant valve integrity.	(Good)	Poor

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	*	Arrow
LNAPL pump cleaned? LNAPL top of pump depth.	Yes 1440	(No) Feet
LNAPL piping integrity.	(Good	Poor
LNAPL top of pump depth.	1440	Feet
Oil/Water Separator	<u></u>	
Water high level shut-off operational?	Yes	No
Red 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

Separator clean	ed?	Yes	No
Technician:	M. Mersil		
Date:	10/22/12		

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Goods	Poor
Flow meter operational?	Yes7	. No
Transfer pump flow rate.	3.78	GPM
Totalizer reading (cumulative volume).	258570	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	15	7
Filter unit 2 pressure @ Arrival (In /Out)	15	7
Filter unit 1 pressure @ Departure (In/Out)	13	7
Filter unit 2 pressure @ Departure	15	7
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	6	PSI
Primary drum removed for disposal?	Yes	(NO
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	No
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	Nø
Polishing carbon drum pressure.	i es	PSI
Polishing drum rotated to secondary!?	Yes	(No
New carbon polishing drum?	Yes	(No)
IVEW COLDOIT DOUSTHING GLOTH:	163	140)
Discharge Piping		
Pipe intearity 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

od Poor
No.
s (No
es (No

Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
Air Compressor		
Compressor operational?	(Yes)	No
Compressor hours.	10589.9	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	(NO)
Compressor trap operating?	Yes	No
	Yes	No
Regulator operating?		

Sampling		
Sampling Performed?	Yes	No
Post Carbon Sample Time	1400	
Pre-Carbon Sample Time	1410	5 5 55
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	NO

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	450	Gallons
DNAPL/water to oil/water separator.	15	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	O	Gallons
DNAPL/water to disposal drum.	0	Gallons
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	0	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	7	Arrow
DNAPL drum container integrity.	Good	Poor
Green warning light operational? DNAPL drum container integrity	Good	No
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.	0200	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	-PSI
Pneumatic settings adjusted?	Yes	(Ne
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	X	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	€ Good	Poor
LNAPL pump cleaned?	Yes	CNO
LNAPL top of pump depth.	14-40	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	(M)
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	(No.)
Separator needs cleaning?	Yes	CNC
Separator cleaned?	Yes	(Ne

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	373	GPM
Totalizer reading (cumulative volume).	275172	Gallons
Water filters changed?	Yes	(No)
Filter unit 1 pressure @ Arrival (In/Out)	IC.	8
Filter unit 2 pressure @ Arrival (In /Out)	16	4.5
Filter unit 1 pressure @ Departure (In/Out)	160	7.5
Filter unit 2 pressure @ Departure	165	7
Carbon Treatment Drums	Table 1	
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	5.5	PSI
Primary drum removed for disposal?	Yes	(Ne
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	M 0
Polishina carbon drum pressure.		PSI
Polishing drum rotated to secondaryl?	Yes	
New carbon polishing drum?	Yes	(No)
Discharge Piping		
Pipe intearity 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?	Ves	No
Repairs/work needed?	Yes	(No)
Spill evidence?	Yes	(Ne)
Electrical and Heating		I
Electric controls operational	765	No
Heater operational	(Yes)	No

Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(No
Air Compressor		(271)6
Compressor operational?	Yes	No
Compressor hours.	10594.9	Hours
Oil level checked?		No
Oil level changed?	Yes	(No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No

Sampling		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		100
Pure DNAPL to disposal drum.	Q	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	68	Gallons
Recovery from Oil/Water Separator	8	
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	O	Gallons
Product. Carbon. Waste Storage		
DNAPL drums on-site (full and fractional)	- (Drums
Spent carbon drums		Drums
PPE/Solids drums	1	Drums
LNAPL drums	0	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	Not
DNAPL pump pressure (arrival)	70	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	1	Arrow
DNAPL drum container integrity.	Good	Poor
Green warning light operational?	Yes	No
Leaks present?	Yes	No)
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping	20.00	
	Good	Poor
DNAPL piping integrity.	-	
DNAPL piping integrity. DNAPL pump cleaned?	Yes	(No)

LNAPL/Groundwater System Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	70	PSI
LNAPL pump pressure (departure)	30	PSI
Bubbler tube operating pressure.	2	PSI
Pneumatic settings adjusted?	Yes	(No
Discharge control setting (departure)	ود	Arrow
Refill control setting (departure)	20	Arrow
LNAPL top of pump depth.	144-	Feet
LNAPL Pump and Piping LNAPL piping integrity.	Good	Poor
LNAPL top of pump depth.	1440	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Yes	No
Red warning light operational?	(Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	(M)
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	Ø16
Companion appelle alamain a0	Yes	(Ng
Separator needs cleaning?	103	(1)

Technician:_

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3.75	GPM
Totalizer reading (cumulative volume).	281874	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	17	8
Filter unit 2 pressure @ Arrival (In /Out)	15	8
Filter unit 1 pressure @ Departure (In/Out)	Se .	
Filter unit 2 pressure @ Departure		
Carbon Treatment Drums		
Primary carbon drum integrity.	6000	Poor
Primary carbon drum leaks?	Yes	No.
Primary carbon drum pressure.	6	PSI
Primary drum removed for disposal?	Yes	400
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	1/19
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	(Ma)
Polishing carbon drum integrity.	Goed	Poor
Polishing carbon drum leaks?	Yes	(N)
Polishing carbon drum pressure.	163	PSI
Polishing drum rotated to secondaryl?	Yes	(No
New carbon polishing drum?	Yes	No.
Total Solution of Contract of	1.00	
Discharge Piping		G 80
Pipe intearity in shed.	G000	Poor
Pipe integrity at catch basin.	Goods	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	140
Spill evidence?	Yes	(No

Miscellaneous - (Continued)	and a	
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No.
Air Compressor		
	(Ca)	
Compressor operational?	Yes //	No
Compressor hours.	10578,4	Hours
Oil level checked?	<u> </u>	No
Oil level changed?	Yes	6 74
Compressor trap operating?	(Yes	No
Regulator operating?	Ves	No
Air lines performing properly?	Yes	No

Sampling		
Sampling Performed?	Yes	GA
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal	A	
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.		Gallons
Recovery from Oil/Water Separator		_
Pure DNAPL to disposal drum.	G	Gallons
DNAPL/water to disposal drum.		Gallons
Product, Carbon, Waste Storage	2	
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums	/	Drums
PPE/Solids drums		Drums
LNAPL drums	0	Drums
Drums labeled?	Yes	No
Drums palletized?	(Yes)	No

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	-20	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)	71	Arrow
Green warning light operational?	Ves	No
High level shut off 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
D111 D7 10	Yes	(No)
DNAPL pump cleaned?		

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	-20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	(NA)
Discharge control setting (departure)	277	Arrow
Refill control setting (departure)	دلا	Arrow
LNAPL top of pump depth.	14/40	Feet
LNAPL piping integrity. LNAPL pump cleaned?	(Good Yes	Poor
LNAPL top of pump deput.	1-7-2	reet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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	60
Separator needs cleaning?	Yes	100
Separator cleaned?	Yes	NO

Technician:	m.R	
Date: (/	15/12	

Transfer Pump and Piping	0	
Pump operational?	Kes	No
Pump integrity.	Gdod	Poor
Flow meter operational?	Yed	No
Transfer pump flow rate.	2.63	GPM
Totalizer reading (cumulative volume).	37.1	Gallons
Water filters changed?	Yes	(Ng
Filter unit 1 pressure @ Arrival (In/Out)	is	8
Filter unit 2 pressure @ Arrival (In /Out)	15	8
Filter unit 1 pressure @ Departure (In/Out)	15	5
Filter unit 2 pressure @ Departure	15	8
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	(6	PSI
Primary drum removed for disposal?	Yes	100
Secondary carbon drum integrity.	(Good)	Poor
Secondary carbon drum leaks?	Yes	COAD
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	Na
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	(M)
Polishing carbon drum pressure.	1	PSI
Polishing drum rotated to secondaryl?	Yes	(No
New carbon polishing drum?	Yes	(NO)
Discharge Piping	2 222 2	- 17-2
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?	(es)	No

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

Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	_No
Air Compressor		
Compressor operational?	(Yes	No
Compressor hours.	10601.0	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	NO
Compressor trap operating?	(Yes)	No
Regulator operating?	(res	No
reduiator operating.		

Sampling		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		989-
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	25	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
Product. Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	1	Drums
Spent carbon drums	1	Drums
PPE/Solids drums	/	Drums
LNAPL drums	0	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Notes: 4 Flowweler batteries Chazed Start @ 0.0

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	70	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	\rightarrow	Arrow
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	1
Decant valve integrity.	Good	Poor
And account to the second second		
DNAPL Pump and Piping		
DNAPL Pump and Piping DNAPL piping integrity.	Googl	Poor
properties and the state of the	Googl Yes	Poor

LNAPL/Groundwater System		
Operational upon arrival?	(Ves)	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	24	Arrow
Refill control setting (departure)	×	Arrow
LNAPL pump cleaned?	Yes	₩,
LNAPL Pump and Piping		
LNAPL top of pump depth.	14.40	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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)

wir.

Technician:_

Pump operational?	(v)	
Pump integrity.	Yes	No
	Good	Poor
Flow meter operational?	256	. No
Transfer pump flow rate.	-	GPM
Totalizer reading (cumulative volume).	2128"	Gallons
Water filters changed?	Yes	(Ng
Filter unit 1 pressure @ Arrival (In/Out)	_i5	8
Filter unit 2 pressure @ Arrival (In /Out)	15	8
Filter unit 1 pressure @ Departure (In/Out)	13	0
Filter unit 2 pressure @ Departure	15	F
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	2.5	PSI
Primary drum removed for disposal?	Yes	бй
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(M)
Secondary carbon drum pressure.	3	PSI
Secondary carbon rotated to primary?	Yes	NO.
Polishing carbon drum integrity.	Gootl	Poor
Polishing carbon drum leaks?	Yes	No.
Polishing carbon drum pressure.	1	PSI
Polishing drum rotated to secondaryl?	Yes	GZ)
New carbon polishing 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
	- AND THE PARTY OF	
Pipe integrity at creek.	Goød	Poor

Electric controls operational Heater operational

Access Vaults	1800001100 0000	
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	601
Air Compressor		
Compressor operational?	(Yeb	No
Compressor hours.	10603.1	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	@
Compressor trap operating?	(Yes	No
Regulator operating?	(Gs	No
		No

Sampling		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		4
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	50	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	S	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	/	Drums
Spent carbon drums	1	Drums
PPE/Solids drums	1	Drums
LNAPL drums	0	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Notes:

No

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	70	PSI
DNAPL pump pressure (departure)	200	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	7	Arrow
Refill control setting (departure)		Arrow
DNAPL drum container integrity.	Good	Poor
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	(No)
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL Pump and Piping DNAPL piping integrity.	Good	Poor
Constitution and the second se	Good	Poor

Operational upon arrival?	(Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	ブ	Arrow
Refill control setting (departure)	21	Arrow
LNAPL piping integrity.	Good Vas	Poor
LNAPL Pump and Piping		
LNAPL pump cleaned?	Yes	(No)
LNAPL top of pump depth.	1440	Feet
Oil Water Separator		
Water high level shut-off operational?	Yes	No
Red 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
deparator needs cicaring.		

Technician:

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	350	GPM
Totalizer reading (cumulative volume).	4025.8	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	15	8
Filter unit 2 pressure @ Arrival (In /Out)	15	8
Filter unit 1 pressure @ Departure (In/Out)	15	8
Filter unit 2 pressure @ Departure	15	8
Carbon Treatment Drums Primary carbon drum integrity.		
ACTION OF THE COST	Good	Poor
Primary carbon drum leaks?	Yes	No.
Primary carbon drum pressure.		PSI
Primary drum removed for disposal?	Yes	(No)
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	-3	PSI
Secondary carbon rotated to primary?	Yes	(No)
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishina carbon drum pressure.	1	PSI
Polishing drum rotated to secondaryl?	Yes	(No
New carbon polishing drum?	Yes	No
Discharge Piping		
Pipe intearity 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		7
Buildina and Site		123 18
Remediation shed intearity.	Good	Poor
Shed ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	No
Spill evidence?	Yes	No

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

Sampling		
Sampling Performed?	Yes	No
Post Carbon Sample Time	000	
Pre-Carbon Sample Time	1030	
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	RO

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

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	16	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	K	Arrow
Refill control setting (departure)	->	Arrow
Green warning light operational?	Yes	No
High level shut off operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	(Ne
Decant valve integrity.	Good	Poor
t and a state of the state of t		
DNAPL Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNIADI	Yes	No
DNAPL pump cleaned?		

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	20	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)	1	Arrow
LNAPL Pronp and Piping LNAPL piping integrity. LNAPL pump cleaned? LNAPL top of pump depth.	Good Yes 14.40	Poor No Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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)

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump intearity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3.67	GPM
Totalizer reading (cumulative volume).	6393	Gallons
Water filters changed?	Yes	No
Filter unit 1 pressure @ Arrival (In/Out)	17	8.5
	6	61
Filter unit 2 pressure @ Arrival (In /Out)	17	80
Filter unit 1 pressure @ Departure (In/Out)		200
Filter unit 2 pressure @ Departure	16	8
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	_	
	6	PSI
Primary drum removed for disposal?	Yes	(No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	CN _S
Secondary carbon drum pressure.	7	PSI
Secondary carbon rotated to primary?	Yes	(No)
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	0.5	PSI
Polishing drum rotated to secondaryl?	Yes	(V)
New carbon polishing drum?	Yes	
New carbon polishing drum?	Yes I	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
- 1. S. Sell Vister	· 👸 - '	
Miscellaneous	and the second	
Building and Site		
Remediation shed integrity.	Good	Poor
Shed ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	CN9
Spill evidence?	Yes	No
To the second for a second re-		a de San
Electrical and Heating		
Electric controls operational	Yes	No
Heater operational	Yes	No

Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	No
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	10609,8	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		
Sampling Performed?	Yes	No
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
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.	70	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	1	Drums
PPE/Solids drums	1	Drums
LNAPL drums		Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Table 4-1

DNAPL System		
Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	(Nò)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	2	Arrow
Green warning light operational? DNAPL drum container integrity.	Good	No Poor
High level shut off operational? Green warning light operational?	(Yes	No No
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.)3 (V	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	55	PSI
LNAPL pump pressure (departure)	300	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	A	Arrow
Refill control setting (departure)	2	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	1440	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Yes>	No
Red 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	(O)
Separator needs cleaning?	Yes	CÑo
		No

Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	3.68	GPM
Totalizer reading (cumulative volume).	131370	Gallons
Water filters changed?	Yes	(N9)
Filter unit 1 pressure @ Arrival (In/Out)	16	4
Filter unit 2 pressure @ Arrival (In /Out)	10	8
Filter unit 1 pressure @ Departure (In/Out)	ic	7
Filter unit 2 pressure @ Departure (In/Out)	16	8
Carbon Treatment Drums		3740
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	ÑÒ
Primary carbon drum pressure.	6	PSI
Primary drum removed for disposal?	Yes	MO)
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure.	4	PSI
Secondary carbon rotated to primary?	Yes	MO
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	1	PSI
Polishing drum rotated to secondaryl?	Yes	Nø
New carbon polishing 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	Yeş	No	
Heater operational	Yes	No	

Site Visit Checklist/Data Sheet

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(N ₀)
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	10413,5	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		
Sampling Performed?	Yes	(No)
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	O	Gallons
DNAPL/water to oil/water separator.	10	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
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	0	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Table 4-1

LNAPL/Groundwater System - (Continued)

Totalizer reading (cumulative volume).

Filter unit 1 pressure @ Arrival (In/Out)
Filter unit 2 pressure @ Arrival (In /Out)

Filter unit 2 pressure @ Departure

Filter unit 1 pressure @ Departure (In/Out)

Yes

368

16

17

Yes

Yes

Yes

Yes

Good

Yes

Yes

Yes

Good

Yes

6

No

Poor

No

GPM

Gallons No

9

Poor

(NO

PSI

No

Poor

No.

PSI

No

Poor

No

PSI

No

(No

Poor

Poor

Poor

Poor No

No

Transfer Pump and Piping

Flow meter operational?

Transfer pump flow rate.

Water filters changed?

Carbon Treatment Drums
Primary carbon drum integrity.

Primary carbon drum leaks?

Primary carbon drum pressure.

Secondary carbon drum integrity.

Secondary carbon drum pressure.

Secondary carbon rotated to primary?

Polishing drum rotated to secondaryl?

Secondary carbon drum leaks?

Polishing carbon drum integrity.

Polishing carbon drum leaks?

New carbon polishing drum?

Pipe integrity at catch basin.

Pipe at catch basin clear? Pipe integrity at creek.

Pipe at creek clear?

Discharge Piping
Pipe integrity in shed.

Polishing carbon drum pressure.

Primary drum removed for disposal?

Pump operational?

Pump integrity.

Site Visit Checklist/Data Sheet

Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	30	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	4	Arrow
Refill control setting (departure)	4	Arrow
DNAPL drum container integrity.	Good	Poor
Green warning light operational?	Yes	No
Leaks present?	Yes	(No
Decant valve integrity.	(Good)	Poor
DNAPL Pump and Piping		
DIVII ET mulp and Tiping	Good	Poor
DNAPL piping integrity.	Cood	
Sections and the section of the sect	Yes	No

Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	22	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	A	Arrow
Refill control setting (departure)	21	Arrow
LNAPL pump cleaned? LNAPL top of pump depth.	14.40	Feet
LNAPL Pump and Piping LNAPL piping integrity.	Good	Poor
LNAPL top of pump depth.	14.40	Feet
27/48/40 Sec		
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red 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)

Separator vessel integrity.	Good	Poor	Miscellaneous	
Leaks present?	Yes	(NO	Building and Site	
Separator cover and seal integrity.	Good	Poor	Remediation shed integrity.	Good
Decant valve integrity.	Good	Poor	Shed ventilation acceptable?	Yes
LNAPL in separator?	Yes	NO	Repairs/work needed?	Yes
Separator needs cleaning?	Yes	No	Spill evidence?	Yes
Separator cleaned?	Yes	(No)		3
echnician: MIC			Electrical and Heating	
d / s / s	1012 S		Electric controls operational	Yes
ate: / Z//9// Z		s and discussion	Heater operational	Yes

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	(Good)	Poor
Repairs needed to vaults?	Yes	No
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	10616,6	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
	Yes	No

Sampling		
Sampling Performed?	Yes	No
Post Carbon Sample Time		
Pre-Carbon Sample Time		
Sampling event?	Monthly	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	10	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	1	Drums
PPE/Solids drums	1	Drums
LNAPL drums	0	Drums
Drums labeled?	Cyes	No
Drums palletized?	Yes	No

Table 4-1

Site Visit Checklist/Data Sheet

Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	×	Arrow
DNAPL drum container integrity.	Good	Poor
Green warning light operational?	Ves	No
Leaks present?	Yes	No
Decant valve integrity.	(Good)	Poor
DNAPL Pump and Piping	(Good)	Poor
DNAPL Pump and Piping DNAPL piping integrity.	(0000	
	Yes	(No

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	70	PSI
LNAPL pump pressure (departure)	20	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	77	Arrow
Refill control setting (departure)	71	Arrow
LNAPL pump cleaned? LNAPL top of pump depth.	1440	Feet
LNAPL piping integrity. LNAPL pump cleaned?	(Good) Yes	Poor
LNAPL top of pump depth.	1740	Feet
O:UNI . O		
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
Red warning light operational?	(Yes)	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	No
Separator cover and seal integrity.	Good S	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	<no< td=""></no<>
Separator needs cleaning?	Yes	No
separator needs creating:		

Technician:____

Transfer Pump and Piping		
Pump operational?	(Yes)	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes.	No
Transfer pump flow rate.	3.42	GPM
Totalizer reading (cumulative volume).	29108	Gallons
Water filters changed?	(Page)	Gallois
Filter unit 1 pressure @ Arrival (In/Out)	(E)	9
CANADAMENTAL TOTAL SERVICE SAL STREET STATES SERVICES	13	2
Filter unit 2 pressure @ Arrival (In /Out)	-	
Filter unit 1 pressure @ Departure (In/Out)	0.72	
Filter unit 2 pressure @ Departure		
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	NO
Primary carbon drum pressure.	8	PSI
Primary drum removed for disposal?	Yes	No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	4001
Secondary carbon drum pressure.	4.5	PSI
Secondary carbon rotated to primary?	Yes	
Secondary carbon rotated to primary?	I res I	(Ng
Polishina carbon drum intearity.	Goòd	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	1	PSI
Polishing drum rotated to secondaryl?	Yes	No
New carbon polishing drum?	Yes	No
Discharge Piping		W105000
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

Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(NO
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	10621.0	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
	Yes	No

Sampling		
Sampling Performed?	(Yes)	No
Post Carbon Sample Time	1015	
Pre-Carbon Sample Time	1020	
Sampling event?	Monthly '	Quarterly
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	35	Gallons
Recovery from Oil/Water Separator	Maria Cara de Antonio	
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum.	_ 0	Gallons
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	0	Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No