FORMER GASTOWN MGP SITE SITE NO. 915171

2005 SITE VISIT CHECKLISTS FOR THE GROUNDWATER COLLECTION & TREATMENT SYSTEM

Site Visit Checklists for January, most of February, and December 2004 are missing. A few additional Site Visit Checklists are also missing.

DNAPL System	- Carlo Carl	
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival) ///		P51
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Arross
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	Cioud	Poor -
DNAPL pump cleaned?	Yes	(No)
DNAPL top of pump depth	NA.	Feet

LNAPL/Groundwater System Operational upon arrival?	Yes	No
LNAPI, pump pressure (arrival)		PS1
LNAPL pump pressure (departure)		PM
Bubbler tube operating pressure		1251
Pneumatic settings adjusted?	Yes	No
		Anow
Discharge control setting (departure)		Anon
Refill control setting (departure)		
INAPL Pump and Piping		
LNAPL piping integrity	Ciond	Pries
LNAPL pump cleaned?	Yes	(B)
LNAPL top of pump depth	TVA	Len
A CONTRACTOR OF THE CONTRACTOR		
Oil Water Separator		
Water high level shut-off operational?	YO .	N. 13
White warning light operational?	· (50)	1160
Separator vessel integrity	Thurt	Poor
Leaks present ³	Yes	(6/
Separator cover and seal integrity	(triod)	Poor
Decant valve integrity	CTO CO	Prog
LNAPL in separator 5	Yes	
Separator needs cleaning?	Nes	(Cong
Separator cleaned?	Yes	1 760

Technician	Dans Haltman	
Date:	2-25-05	

LNAP ¹ //Geoundwater System - (Continued)		
Transfer Pump and Pring		
Pranp operational?	15th	No
Promparategrals	(166a)	Poor
How notes operational?	(Yes)	No
Transfer group flow rate.	8.48	GPM
Totalizer (cading (cumulative volume)	193997	Gallons
Water offices changed?	Yes	(No)
Filter con pressure (arrival-departure)	9.0	PSI
Carbon Decument Drums		
Pomary cubon drum integrity.	Cique	Poor
Primar, carbon drom leaks?	Yes	1
Pennar carbon drum pressure	2.2	PSI
Primare carbon removed for disposal?	Yes	(Fig
Seconday carbon dum rotated to primary?	Yes	Syri
New carbon placed in Journal viduum?	Yes	1
Secondary sarbon denor integraty.	(Googl)	Poor
Seconday carbon draw leaks?	Yes	(Rio
Secondary indiop drain present	1.0	PSI
Secondary amountenoised for disposal?	Yes	(R)
Proishura deure totated as secondary?	Yes	(No
Beev en hour, taced in secondary drum?	Yes	(E)
Polislang (misar door) adverne	Cood	Poor
Polislary carbon drum leads?	To	(N)
Polislar e carbon divine pressure	1774	PSI
Folishing carbon removed for disposal?	Yes	(No)
Next cabacydated or pomary diming	Yes	Rin
Probago Apray		
Pipe integrity in shed	Though	Poer
Pipe integrals of catcle bosin	Ciumi .	Pon
Pipe at sately basan clear?	(10)	Nio
Pipe integrals at cred	Ciond	Poor
Pipe in west clear to		No

Manday and Site		
and the second s		1
Remadiates shad usuppty	Chillian	Percu
"died scant uns raccaptable"	Quin .	1500
Peparus word meedige "	Yes	(%)
Spr Levinen (**	Yes	(C
Epperper Eppel Steaming		
Hertise contest experational	(Yes)	No
Hearte cognitional	1 (76)	No

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

Sampling		
Primary carbon influent sampled?	Yes	Nο
Primary carbon effluent sampled?	Yes	Øo>
Secondary carbon effluent sampled?	(Yes)	No
Compliance event?	(Yes)	No
Time sampled	(130 kis	(aminum-
Product sampled?	Yes-	(No)

Recovery and Disposal		
Recovery from DN.IPL Drum Pure DNAPL to disposal drum. DNAPL water to disposal drum. DNAPL water to oil water separator.		Gallons Gallons Gallons
Recovery from Oil Water Separator Pure DNAPL to disposal drum DNAPL water to disposal drum	71.0 0.0	Gallons Gallons
Product Carbon, Waste Storage DNAPL, drums on-site (full and fractional) Spent carbon drums PPL Solids drums	3° -4' -3'	Drums Drums Drums
1.NAPL drums Drums labeled? Drums palletized?	<u>্</u> ত্রু ক্র	Drums No No

leve @ carper vessel :42

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)		Апом
Refill control setting (departure)		Апом
•		
DNAPL Drum		
High level shut off operational?	(PB)	No
Green warning light operational?	er es	No
DNAPL drum container integrity.	dioed	Poor
Leaks present?	Yes	-OSE
Decant valve integrity.	Good	Poor
	1	
DNAPL Pump and Piping		
DNAPL piping integrity.	6000	Poor
DNAPL pump cleaned?	Yes	(C)
DNAPL top of pump depth.	NX	Feet

LNAPL/Groundwater System		
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
I.NAPI. Pump and Piping		
LNAPL piping integrity.	GOOD	Poor
LNAPL pump cleaned?	Yes	(D)
LNAPL top of pump depth.	NA	Feet
Oil/Water Separator		·
Water high level shut-off operational?	Vil.	Nο
White warning light operational?	(YES	No
Separator vessel integrity	Ciquel	Poor
Leaks present?	Yes	(B)
Separator cover and seal integrity.	Cione	Poor
Decant valve integrity	Giova	Poor
LNAPL in separator?	Yes	(Q)
Separator needs cleaning?	Yes	(New)
Separator cleaned?	Yes	(Niv)

Technician:	Dd
Date: 3/10/05	

<u>Table 4-1</u>

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	(YES)	No
Pump integrity.	(Good	Poor
Flow meter operational?	(Ves	No
Transfer pump flow rate.	6.49	GPM
Transfer pump now rate. Totalizer reading (cumulative volume).	201054	Gallons
Water filters changed?	Yes	(No)
	13.0	PSI
Filter unit pressure (arrival/departure)	73.0	rai
Carbon Treatment Drums		
Primary carbon drum integrity.	(Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	20	PSI
Primary carbon removed for disposal?	Yes	(No
Secondary carbon drum rotated to primary?	Yes	Ø
New carbon placed in primary drum?	Yes	`₩o
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	1.0	PSI
Secondary carbon removed for disposal?	Yes	æ
Polishing drum rotated to secondary?	Yes	(Fig.
New carbon placed in secondary drum?	Yes	Æ
B. P. L. S. Land Street Street	ക്ക്ര	Poor
Polishing carbon drum integrity. Polishing carbon drum leaks?	Yes	(40)
Polishing carbon drum pressure.	1 es	PSI
Polishing carbon trum pressure. Polishing carbon removed for disposal?	Yes	ØØ
New carbon placed in primary drum?	Yes	CEN CEN
ives carbon praced in primary drum?	105	141
Discharge Piping		
Pipe integrity in shed.	(Good,	Poor
Pipe integrity at catch basin	Central	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	Coop	Poor
Pipe at creek clear?	TES	No

	Poor
(YES)	No
Yes Yes	(A)
	No No
	Ves)

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Giood	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		
Primary carbon influent sampled?	Yes	(No
Primary carbon effluent sampled?	Yes	G
Secondary carbon effluent sampled?	Yes	Ø.
Compliance event?	Yes	(To
Time sampled.		🔁 a.m./p.m.
Product sampled?	Yes	- 44 <u>0</u>

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL Avater to disposal drum. DNAPL Avater to oil/water separator.		Gallons Gallons Gallons
Recovery from Oil Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum	0.2	Gallons Gallons
Product, Carbon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums	30	Drums Drums Drums Drums No
Drums Tabeled? Drums palletized?	179	No

Notes:

<u>Table 4-1</u>

Former Gastown Manufactured Gas Plant Site

DNAPL System			
Operational upon arrival?	-	Yes	No
DNAPL pump pressure (arrival)			PSI
DNAPL pump pressure (departure)	.11	and the same	PSI
Pneumatic settings adjusted?	NA	Yes	No
Discharge control setting (departure)	1		Апом
Refill control setting (departure)			Апоw
DNAPL Drum High level shut off operational? Green warning light operational?		Des SE	No No
DNAPL drum container integrity.		Good	Poor
Leaks present?		Yes	Q 100
Decant valve integrity.		Good	ROOF
DNAPL Pump and Piping DNAPL piping integrity.		Good	Poor
DNAPL pump cleaned?		Yes	(10)
DNAPL top of pump depth.		NA	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)		PSI
I.NAPL pump pressure (departure)		PSI
Bubbler tube operating pressure.		PSI
Pneumatic settings adjusted?	Yes	Nο
Discharge control setting (departure)		Arrow
Refill control setting (departme)		Arrow
I.NAPI. Pump and Pipmg LNAPL piping integrity. LNAPL pump cleaned? LNAPL top of pump depth.	Yes	Poor No Feet
Oil/Water Separator Water high level shut-off operational? White warning light operational? Separator vessel integrity. Leaks present? Separator cover and seal integrity. Decant valve integrity.	हिंदि। इंट हिंदि	No No Poor Poor
LNAPL in separator?	Yes	(<u>(</u>
Separator needs cleaning?	Yes	
Separator cleaned?	Yes	Ø₽

Technician:	UL	
Date	3/10/2-	
Date:		

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping	·	e .
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No .
Transfer pump flow rate.	7.47	GPM
Totalizer reading (cumulative volume).	206057	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	14.0	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	(GO)	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	2.5	PSI
Primary carbon removed for disposal?	Yes	Ø.
Secondary carbon drum rotated to primary?	Yes	₩.
New carbon placed in primary drum?	Yes	KO)
Secondary carbon drum integrity.	C600)	Poor
Secondary carbon drum leaks?	Yes	ØΩυ
Secondary carbon drum pressure.	10	PSI
Secondary carbon removed for disposal?	Yes	(Na)
Polishing drum rotated to secondary?	Yes	160
New carbon placed in secondary drum?	Yes	200
N.P. I. Britanian	2600	Poor
Polishing carbon drum integrity. Polishing carbon drum leaks?	Yes	(1760) (1760)
Polishing carbon drum pressure.	1/21	PSI
Polishing carbon train pressure: Polishing carbon removed for disposal?	Yes	1 ₹9
New carbon placed in primary drum?	Yes	(AD)
Trest enrove princed in printing strains		
<u>Discharge Piping</u>		
Pipe integrity in shed.	(GOOJ)	Poor
Pipe integrity at catch basin	Kinna	Poor
Pipe at catch basin clear?	FE	Νο
Pipe integrity at creek.		Poor
Pipe at creek clear?	(ES)	No

Miscellaneous		
Building and Suc Remediation shed integrity. Shed ventilation acceptable? Repairs:work needed? Spill evidence?	Yes Yes	Poor No ASO
Electrical and Heating Electric controls operational Heater operational	(Yes) Hess	No No

Miscellaneous - (Continued)		
Access Vaults		_
Overall vault integrity.	(600M	Poor
Repairs needed to vaults?	Yes	®
	1	
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	2916.1	Hours
Oil level checked? Office o	Yes	No -
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	SMS
Primary carbon effluent sampled?	Yes	(App
Secondary carbon effluent sampled?	Yes	Ø5
Compliance event?	Yes	€
Time sampled.		a.m. /p.m.
Product sampled?	Yes	

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
DNAPL/water to pil/water separator.		Gallons
Recovery from Oil Water Separator		
Pure DNAPL to disposal drum.	00	Gällons
DNAPL/water to disposal drum	0.5	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	3	Drums
Spent carbon drums	4	Drums
PPE/Solids drums	3	Drums
LNAPL drums	0	Drums
Drums labeled?	250	. No
Drums palletized?	COP	No

Notes:

Table 4-1

DNAPL System		_
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	N 5 4 4 5 7 4 4 5 1	PSI
DNAPL pump pressure (departure)	1984 1984	PSI
Pneumatic settings-adjusted?	Yes	No
Discharge control setting (departure)	F4 - 4,777	Агтоw
Refill control setting (departure)	7 15 15	Апоw
	4	
DNAPL Drum		
High level shut off operational?	©	No
Green warning light operational?	©	No
DNAPL drum container integrity.	(G650)	Poor
Leaks present?	Yes	(f)
Decant valve integrity.	G G G G G G G G G G G G G G G G G G G	Poor
DNAPL Pump and Piping		the second
DNAPL piping integrity.	Groot	Рюог
DNAPL pump cleaned?	Yes	(€>
DNAPL top of pump depth.	NA	Feet

LNAPL/Groundwater System	TY HYTY	
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)		PSI
I.NAPL pump pressure (departure)		PSI
Bubbler tube operating pressure		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)	A-1 1 1 1	Arrow
I.N.API, Pump and Pipmg		5 85 1
LNAPL piping integrity:	(TOD)	Poor
LNAPL pump cleaned?	Yes	₩.
LNAPL top of pump depth.	NA	Feet
	#1 #1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 #	
Oil/Water Separator	100	
Water high level shut-off operational?	(Tie	No
White warning light operational?	(Q3)	No
Separator vessel integrity:	ത്തി	Poor
Leaks present?	Yes	(E)
Separator cover and seal integrity	ليستزاع	Poor
Decant valve integrity	25	Poor
LNAPL in separator?	Yes	()
Separator needs cleaning?	Yes	®
Separator cleaned?	Yes	(Dur)

Technician:	<u> </u>	 	
Date:	3-25-05		

LNAPL/Groundwater System - (Continued)			
Transfer Pump and Piping			
Pump operational?	(G)	No	
Pump integrity.	Good	Poor	
Flow meter operational?	(Yes	No .	
Transfer pump flow rate.	849	GPM	
Totalizer reading (cumulative volume).	223027	Gallons	
Water filters changed?	(PG)	No	
Filter unit pressure (arrival/departure)	27/3	PSI	
	Till and		
Carbon Treatment Drums	_		
Primary carbon drum integrity.	6	Poor	
Primary carbon drum leaks?	Yes	(F)	
Primary carbon drum pressure:	2.5	PSI	
Primary carbon removed for disposal?	Yes	W ₂	
Secondary carbon drum rotated to primary?	Yes	€ 600	
New carbon placed in primary drum?	Yes	149	
Secondary carbon drum integrity.	(COO)	Poor	
Secondary carbon drum leaks?	Yes	€	
Secondary carbon drum pressure.	1.0	PSI	
Secondary carbon removed for disposal?	Yes	Ø.	
Polishing druin rotated to secondary?	Yes	(FO)	
New carbon placed in secondary drum?	Yes	((
	<i></i>		
Polishing carbon drum integrity.	Coots	Pour	
Polishing carbon drum leaks?	Yes	16	
Polishing carbon drum pressure.	NA	PSI (N)	
Polishing carbon removed for disposal?	Yes	Ko Ko	
New carbon placed in primary drum?	Yes	@	
D. J Danisa			
Discharge Piping	actill).	Poor	
Pipe integrity in shed. Pipe integrity at catch basin	المسل	Poor	
1	66 1	No.	
Pipe at catch basin clear?	(C)	Poot.	
Pipe integrity at creek.		No No	
Pipe at creek clear?	20	140	

Miscellaneous		
Building and Site		
Remediation shed integrity.	(Simple	· Poor
Shed ventilation acceptable?	©	No
Repairs work needed?	Yes	Ø8∂
Spill evidence?	Yes	
		100
Electrical and Heating		
Electric controls operational	Os	No
Heater operational	(fes)	No

Miscellaneous - (Continued)		
Access Vandts		
Overall vault integrity.	(Cood)	Poor
Repairs needed to vaults?	Yes	. €
Air Compressor		
Compressor operational?	Yes	No
Compressor operational? Compressor hours. Oil level checked?		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** Section of the second of the seco		
Primary carbon influent sampled?	(B)	No
Primary carbon effluent sampled?	Yes	(Kir
Secondary carbon effluent sampled?	6	No
Compliance event?	(Pe)	No
Time sampled	1200	(a.ii)./p.in.
Product sampled?	Yes	P

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum: DNAPL/water to disposal drum. DNAPL/water to oil/water separator.		Gallons Gallons Gallons
Pure DNAPL to disposal drum: DNAPL/water to disposal drum	0.5 2.0	Gallons Gallons
Product, Carbon, Waste Storage		Drums
DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums	4	Drums Drums
LNAPL drums Drums labeled?	0	Drums
Drums palletized?	1 2	No

Notes:

Changed No Cilters.

Added 2 Gal of

Bleach to ows and

1/2 gal. to filter housing

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)		Апоw
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	QZ)
DNAPL top of pump depth.	NA	Feet

LNAPL/Groundwater System			
Operational upon arrival?	Yes	No.	
LNAPL pump pressure (arrival)		; PSI	
LNAPL pump pressure (arrival) 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	
I.NAPL Pump and Piping			
LNAPL piping integrity.	GOOD	Poor	
LNAPL pump cleaned?	Yes	O %	
LNAPL top of pump depth.	NA	Feet	
Oil/Water Separator			
Water high level shut-off operational?	(No	
White warning light operational?	(Ges	No	
Separator vessel integrity	GGG	Poor	
Leaks present"	Yes	₩	
Separator cover and seal integrity.	Commis	Poor	
Decant valve integrity.	(Ma)	Poor	
LNAPL in separator?	Yes		
Separator needs cleaning?	Yes	(XS)	
Separator cleaned?	Yes	(Ny)	

Technician:	NH -	
Date:	4-1-05	

	· · · · · · · · · · · · · · · · · · ·	
LNAPL/Groundwater System - (Continued)		·
Transfer Pump and Piping		
Pump operational?	TES	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	7.89	GPM
Totalizer reading (cumulative volume).	231,608	Gallons
Water filters changed?	Yes	(No)
Filter unit pressure (arrival/departure)	16.0	PSI
	701	
Carbon Treatment Drums		:
Primary carbon drum integrity.	G60a	Poor
Primary carbon drum leaks?	Yes	(M)
Primary carbon drum pressure.	20	PSI
Primary carbon removed for disposal?	Yes	Mo
Secondary carbon drum rotated to primary?	Yes	A
New carbon placed in primary drum?	Yes	®
		'
Secondary carbon drum integrity.	CGood'	Poor
Secondary carbon drum leaks?	Yes	(X)
Secondary carbon drum pressure.	1.0	PSI
Secondary carbon removed for disposal?	Yes	Ø .
Polishing drum rotated to secondary?	Yes	Ø ₹
New carbon placed in secondary drum?	Yes	(AD)
•	755	
Polishing carbon drum integrity.	(Cong)	Poor
Polishing carbon drum leaks?	Yes	CNA
Polishing carbon drum pressure.	100	PSI
Polishing carbon removed for disposal?	Yes	
New carbon placed in primary drum?	Yes	100
Du dama Paring		-
Discharge Piping Pipe integrity in shed.		Poor
		Poor
Pipe integrity at catch basin Pipe at catch basin clear?		No
'		Poor
Pipe integrity at creek.	(Good)	No
Pipe at creek clear?	(res)	140 -

Miscellaneous		
Building and Suc Remediation shed integrity. Slied ventilation acceptable? Repairs/work needed? Spill evidence?	Yes Yes	Poor No
Electrical and Heating Electric controls operational Heater operational	6	No No

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

Sampling		
Primary carbon influent sampled?	Yes	₩
Primary carbon effluent sampled?	Yes	(200
Secondary carbon effluent sampled?	Yes	Ø
Compliance event?	Yes	86
Time sampled.	W	a.m./p.m.
Product sampled?	Yes	<u></u> ₹

	•	
Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0 -	Gallons
DNAPL/water to disposal drum.	Ø	Gallons
DNAPL/water to oil/water separator.	Ø	Gallons
	1	
Recovery from Oil Water Separator		l
Pure DNAPL to disposal drum.	0	Gallons
DNAPL/water to disposal drum	6	Gallons
	1	
Product, Carbon, Waste Storage	<u> </u>	1
DNAPL drums on-site (full and fractional)	3	Drums
Spent carbon drums	4	Drums
PPE/Solids drums	3	Drums
LNAPL drums	0	Drums
Drums labeled?	6	No
Drums palletized?		No

Notes:

DNAPL System		
Operational upon arrival?	Yes	₹
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
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
Depant valve integrity.	Good	Poor
	İ	
DNAPL Pump and Piping		1
DNAPL piping integrity.	(Good)	Poor
DNAPL pump cleaned?	Yes	(DZ)
DNAPL top of pump depth.	NA	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	Ww_
LNAPL pump pressure (arrival)		PSI
I.NAPL pump pressure (departure)		PSI
Bubbler tube operating pressure.		PSI ·
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Arrow
1.NAPL Pump and Piping		ĺ
LNAPL piping integrity.	(Giva	Poor
LNAPL pump cleaned?	Yes	446
LNAPL top of pump depth.	M	Feet
Oil/Water Separator		
Water high level shut-off operational?	OF:	No
White warning light operational?	(Great (De)	No
Separator vessel integrity.	Guard	Poor
Leaks present?	Yes	(B)
Separator cover and seal integrity	C KOODU	Poor
Decant valve integrity	COUR	Poor
LNAPL in separator?	Yes	OD
Separator needs cleaning?	Yes	
Separator cleaned?	Yes	(AT)

Technician:	<u> W</u>	
	11-0-0	
Date:	7-103	

		1
LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	(Des	No
Pump integrity.	Geod	Poor :
Flow meter operational?	₩	No .
Transfer pump flow rate.	7.48	GPM
Totalizer reading (cumulative volume).	244 016	Gallons
Water filters changed?	(YES)	No
Filter unit pressure (arrival/departure)	25/10	PSI
	25/15	
Carbon Treatment Drums		
Primary carbon drum integrity.	(G693	Poor
Primary carbon drum leaks?	Yes	(Sia
Primary carbon drum pressure.	2.0	PSI
Primary carbon removed for disposal?	Yes	60%
Secondary carbon drum rotated to primary?	Yes	æ
New carbon placed in primary drum?	Yes	K
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	4
Secondary carbon drum pressure.	10	PSI
Secondary carbon removed for disposal?	Yes	Ø\$b ·
Polishing drum rotated to secondary?	Yes	€.
New carbon placed in secondary drum?	Yes-	(G)
	_	
Polishing carbon drum integrity.	(669)	Poor
Polishing carbon drum leaks?	Yes	2870
Polishing carbon drum pressure.	NX	PSI
Polishing carbon removed for disposal?	Yes	2
New carbon placed in primary drum?	Yes	NO
<u>Discharge Piping</u>		1
Pipe integrity in shed.	Curodo	Poor
Pipe integrity at catch basin	Land)	Poor
Pipe at catch basin clear?	(D)	No
Pipe integrity at creek.	Quod .	Poor
Pipe at creek clear?		No :

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

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	(Good)	Poor
Repairs needed to vaults?	Yes	QN∂>
Air Compressor		
Compressor operational?	Yes	(B)
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		
Primary carbon influent sampled?	Yes	AND .
Primary carbon effluent sampled?	Yes	do
Secondary carbon effluent sampled?	Yes	647
Compliance event?	Yes	- 644F
Time sampled.	M	a.m./p.m.
Product sampled?	Yes	(Mg)

P P	Gallons Gallons Gallons
N Ø	Gallons Gallons
3 4 70	Drums Drums Drums Drums No
The state of the s	ور مسلم الم

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
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks prosent?	Yes	No
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		Duan
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	Feet
DNAPL top of pump depth.	Va	reet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	Nο
LNAPL pump pressure (arrival)		J1251
1.NAPL pump pressure (departure)		PSI
Bubbler tube operating pressure Programming adjusted?		PSI
Pneumatic settings adjusted?	Yes	Nο
Discharge control setting (departure)		Arrow
Refill control setting (departure)		Anow
. /		
I.N.API. Pump and Piping		
LNAPL piping integrity.	COOL	Poor
LNAPL pump cleaned?	Yes	200
LNAPL top of pump depth.	NX	Feet
Oil/Water Separator		
Water high level shut-off operational?	100	No
White warning light operational?	1 000	No
Separator vessel integrity	(((()))	Poor
Leaks present'	Yes	OR.
Separator cover and seal integrity.	GOOD	Poor
Decant valve integrity	4	Poor
LNAPL in separator?	Yes	AT
Separator needs cleaning?	Yes	(Q)
Separator cleaned?	Yes	180

Technician:		_DH	
Date:	4-15-05		

	·	
LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Tes	No
Pump integrity.	Ciood	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	8.96	GPM
Totalizer reading (cumulative volume).	257,205	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	7/,0	PSI.
Carbon Treatment Drums		
Primary carbon drum integrity.	Gobi	Poor
Primary carbon drum leaks?	Yes	Ɖ .
Primary carbon drum pressure.	2-5	PSI
Primary carbon removed for disposal?	Yes	6720
Secondary carbon drum rotated to primary?	Yes	6 39
New carbon placed in primary drum?	Yes	6
Secondary carbon drum integrity.	(G690	Poor
Secondary carbon drum leaks?	Yes	₫ ₹₽
Secondary carbon drum pressure.	1.0	PSI
Secondary carbon removed for disposal?	Yes	Ø.
Polishing drum rotated to secondary?	Yes	(ALI)
New carbon placed in secondary drum?	Yes	Ø
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	15 0'
Polishing carbon drum pressure.	NX	PSI .
Polishing carbon removed for disposal?	Yes	@
New carbon placed in primary drum?	Yes	·®
Discharge Piping		
Pipe integrity in shed.	Cliverd	Poor
Pipe integrity at catch basin	Kinod	Poor
Pipe at catch basin clear?		Νυ
Pipe integrity at creek.	Cioud	Poor
Pipe at creek clear?	E	No

Miscellaneous		- ;
Building and Suc Remediation shed integrity. Shed ventilation acceptable? Repairs work needed? Spill evidence?	Ves Yes	Poor No Paro Qua
Electrical and Heating Electric controls operational Heater operational		No No

Miscellaneous - (Continued)		
Access Faults Overall vault integrity.	GGD	Poor
Repairs needed to vaults?	Yes	₹ 1 66
<u>Air Compressor</u>		
Compressor operational?	Yes	(Ng)
Compressor hours. Oil level checked?	Yes	Hours
Oil level changed?	Yes	No
Compressor trap operating?	Yes	No
Regulator operating?	Yes	No
Air lines performing properly?	Yes	No

Sampling	·	
Primary carbon influent sampled?	Yes	B
Primary carbon effluent sampled?	Yes	O \$30
Secondary carbon effluent sampled?	Yes	E
Compliance event?	Yes	₩
Time sampled.	NR	a.m./p.m.
Product sampled?	Yes .	A)

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	9	Gallons
DNAPL/water to disposal drum.	100	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	6	Gallons
	ν	
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	3	Drums
Spent carbon drums	4	Drums
PPE/Solids drums	3	Drums
LNAPL drums	Ü	Drums
Drums labeled?	6	No
Drums palletized?	· 62%	No

DNAPL System		
Operational upon arrival? DNAPL pump pressure (arrival) DNAPL pump pressure (departure) Pneumatic settings adjusted? Discharge control setting (departure) Refill control setting (departure)	Yes O.O 22.0 (Yes)	PSI PSI No Arrow
DNAPL Drum High level shut off operational? Green warning light operational? DNAPL drum container integrity. Leaks present? Decant valve integrity.	Yes Good	No No Poor (No Poor
DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned? DNAPL top of pump depth.	Yes	Poor CND Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes .	No
LNAPL pump pressure (arrival)	0.0	PSI
LNAPL pump pressure (departure)	38.0	PSI
Bubbler tube operating pressure.	7.0	PSI
Pneumatic settings adjusted?	(3)	No
Discharge control setting (departure)	¥	Апом
Refill control setting (departure)	1	Anow
I.NAPI. Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	Q
LNAPL top of pump depth.	W	Feet
Oil/Water Separator	ν.	
Water high level shut-off operational?	R	No
White warning light operational?	<u> </u>	No
Separator vessel integrity.	(১০০৮	Poor
Leaks present?	Yes	(<u>U</u>)
Separator cover and seal integrity	(G)	Poor
Decant valve integrity	69 :	Poor
LNAPL in separator?	Yes .	Ø
Separator needs cleaning?	Yes	0
Separator cleaned?	Yes	Kur

Technician:	DN	1RK	
Date:	4-22-0	5	

Transfer Pump and Piping		
Pump operational?	(YES)	No
Pump integrity.	(080)	Poor
Flow meter operational?	YES	No
Transfer pump flow rate.	8.86	GPM
Totalizer reading (cumulative volume).	715 452	Gallons
Water filters changed?	Yes	NO
Filter unit pressure (arrival/departure)	10.0	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	3.0	PSI
Primary carbon removed for disposal?	Yes	(MO)
Secondary carbon drum rotated to primary?	Yes	(10)
New carbon placed in primary drum?	Yes	(No)
Secondary carbon drum integrity.	(Good)	Poor
Secondary carbon drum leaks?	Yes	NO
Secondary carbon drum pressure.	2.0	PSI
Secondary carbon removed for disposal?	Yes	(No
Polishing drum rotated to secondary?	Yes	(Ki)
New carbon placed in secondary drum?	Yes	No
Polishing carbon drum integrity.	(600)	Poor
Polishing earbon drum leaks?	Yes	(NO)
Polishing carbon drum pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes	(NO)
New carbon placed in primary drum?	Yes	No
Discharge Piping		
Pipe integrity in shed.	Cioo	Poor
Pipe integrity at catch basin	Good	Poor
Pipe at catch basin clear?	1	No
Pipe integrity at creek.		Poor
Pipe at creek clear?	Ves	No

Miscellaneous	44	
Building and Suc Remediation shed integrity. Shed ventilation acceptable? Repairs:work needed? Spill evidence?	Groud Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational	(Yas) (Yes)	No No

Miscellaneous - (Continued)		
Access Faults Overall vault integrity. Repairs needed to vaults?	(3) (3)	Poor No
<u>Air Compressor</u> Compressor operational? Compressor hours.	(Ŷes)	No Hours
Oil level checked?	(Ves)	No
Oil level changed?	Yes	Ø
Compressor trap operating?	(YES)	No
Regulator operating? Air lines performing properly?	(Yes) (Yes)	No No

Sampling		
Primary carbon influent sampled?	Yes	(Ng)
Primary carbon effluent sampled?	Yes	(A)
Secondary carbon effluent sampled?	Yes	(W)
Compliance event?	Yes	(No)
Time sampled.	1/8	a.m./p.m.
Product sampled?	Yes	(NO)

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

Notes:	DNAPL	System	Restarted.
		. •	

DNAPL System		
Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	22-0	PSI
DNAPL pump pressure (departure)	20.0	PSI
Pneumatic settings adjusted?	C/G	No
Discharge control setting (departure)	1	Апом
Refill control setting (departure)	A	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	(VE)	No
DNAPL drum container integrity.	(000)	Poor
Leaks present?	Yes	₩
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	Chiga	Poor
DNAPL pump cleaned?	Yes	® (No
DNAPL top of pump depth.	MA	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	Nυ
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
I.N.API. Pump and Pipmg		
LNAPL piping integrity.	(Guod)	Poor
LNAPL pump cleaned?	Yes	(DV)
LNAPL top of pump depth.	NA	Feet
Oil/Water Separator		
Water high level shut-off operational?	(₹E3) .	No
White warning light operational?	200	No
Separator vessel integrity.	(600)	Poor
Leaks present'	Yes	(A)
Separator cover and seal integrity.	CFTOIL	Poor
Decant valve integrity	Cistra	Poor
LNAPL in separator?	Yes	₩i d¥i
Separator needs cleaning?	Yes	(N)
Separator cleaned?	Yes	<i>(</i> 18)

Technician:	<u>DH</u>	
Date:	4-29-05	

•		<u> </u>
LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	€ GODE	Poor
Flow meter operational?	Tes	No
Transfer pump flow rate.	8.68	GPM
Totalizer reading (cumulative volume).	280,003	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	12.0	PSI
Carbon Treatment Drums	*	
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(Na
Primary carbon drum pressure.	3.0	PSI
Primary carbon removed for disposal?	Yes	€ BR
Secondary carbon drum rotated to primary?	Yes	(Gr
New carbon placed in primary drum?	Yes	₩
		•
Secondary carbon drum integrity.	(M)	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	1.0	PSI
Secondary carbon removed for disposal?	Yes	(Ca
Polishing drum rotated to secondary?	Yes	(Aller
New carbon placed in secondary drum?	Yes	(B)
Polishing carbon drum integrity.	Cioud	Poor
Polishing carbon drum leaks?	Yes	(N)
Polishing carbon drum pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes	O D0
New carbon placed in primary drum?	Yes	2
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		
Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed?. Spill evidence?	Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational		No No

Miscellaneous - (Continued)		
Access Vaults		D
Overall vault integrity. Repairs needed to vaults?	Yes	Poor
Air Compressor		
Compressor operational?	(Yes)	No
Compressor hours.		Hours
Oil level checked?	To	No
Oil level changed?	Yes	Ø5•
Compressor trap operating?	(Ya)	No
Regulator operating?	(A)	No
Air lines performing properly?	(Yes)	No

Sampling		
Primary carbon influent sampled?	(Cus	No
Primary carbon effluent sampled?	Yes	6
Secondary carbon effluent sampled?	Œ	No
Compliance event?	(Yes	No
Time sampled.	6860	a.m./p.m.
Product sampled?	Yes	(40)

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum.	3.0	Gallons
DNAPL/water to disposal drum.	22.0	Gallons
DNAPL/water to oil/water separator.	68	Gallons
Recovery from Oil Water Separator		
Pure DNAPL to disposal drum.	Ø	Gallons
DNAPL/water to disposal drum	Ø	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	#4	Drums
Spent carbon drums	4	Drums
PPE/Solids drums	3	Drums
LNAPL drums	0	Drums
Drums labeled?	B	No.
Drums palletized?	1 75	No

Brought 1 Drum to site.

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	22	PSI
DNAPL pump pressure (departure)	22	PSI
Pneumatic settings adjusted?	(Yes)	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	¥_	Апом
DNAPL Drum		
High level shut off operational?	View	No
Green warning light operational?	(Fee	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	<u>√</u> 80
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	(B) GO	Poor
DNAPL pump cleaned?	Yes	(M)
DNAPL top of pump depth.	100	Feet

	LNAPL/Groundwater System		
-	Operational upon arrival?	(Yes)	No
١	LNAPL pump pressure (arrival)	35	PSI
١	LNAPL pump pressure (departure)	35	PSI
1	Bubbler tube operating pressure	7.0	PSI
١	Pneumatic settings adjusted?	Yes	
١	Discharge control setting (departure)	7	Arrow
ı	Refill control setting (departure)	Ŵ	Arrow
١			
١	I.NAPL Pump and Piping		-
1	LNAPL piping integrity.	(Cood)	Poor
١	LNAPL pump cleaned?	Yes	CND
	LNAPL top of pump depth.	NA	Feet
ļ		1	
١	Oil/Water Separator		
	Water high level shut-off operational?	(F)	No
١	White warning light operational?	758	No -
١	Separator vessel integrity.	CONT.	Poor
١	Leaks present?	Yes	M
	Separator cover and seal integrity.	COULD	Poor
ı	Decant valve integrity.	THE THE	Poor
١	LNAPL in separator?	Yes	O
	Separator needs cleaning?	Yes	Ø
	Separator cleaned?	Yes	™

Technician:	DA	٠.	
Date:	5-6-05		

LNAPL/Groundwater System - (Continued)	!
Transfer Pump and Piping		
Pump operational?	(Xes)	No
Pump integrity.	\(\tilde{	Poor
Flow meter operational?	(Yes)	No .
Transfer pump flow rate.	8.48	GPM
Totalizer reading (cumulative volume).	383/30	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/depart ure)	/I-O/II	O PSI
Carbon Treatment Drums		:
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	₹ ₩0
Primary carbon drum pressure.	2	PSI
Primary carbon removed for disposal?	Yes	Øb ∶
Secondary carbon drum rotated to primary?	Yes	(P)
New carbon placed in primary drum?	Yes	60
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	C\$19
Secondary carbon drum pressure.	1.9	PSI
Secondary carbon removed for disposal?	Yes	Æ
Polishing drum rotated to secondary?	Yes	™
New carbon placed in secondary drum?	Yes	₫'n
Polishing carbon drum integrity.	Cind	Poor
Polishing carbon drum leaks?	Yes	1
Polishing carbon drum pressure.	NH	PSI
Polishing carbon removed for disposal?	Yes	₩
New carbon placed in primary drum?	Yes	
Discharge Piping		
Pipe integrity in shed.	(injul	Poor
Pipe integrity at catch basin	Cion	Poor
Pipe at eatch basin clear?	(Feg)	Nο
Pipe integrity at creek.	(GOOD)	Poor
Pipe at creek clear?	Y	No

Miscellaneous		1.4
Building and Site Remediation shed integrity. Slied ventilation acceptable? Repairs/work needed?	Yes Yes	Poor No ED
Spill evidence? Electrical and Heating Electric controls operational Heater operational		No No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	(900)	Poor
Repairs needed to vaults?	Yes	(No)
Air Compressor		
Compressor operational?	Yes	Νο
Compressor hours.	12917,0	9 Hours
Oil level checked?	(Yes)	No
Oil level changed?	Yes	6
Compressor trap operating?	(Ter	No
Regulator operating?	 ₹	No
Air lines performing properly?	(2)	No

Sampling		
Primary carbon influent sampled?	Yes	(N)
Primary carbon effluent sampled?	Yes	1
Secondary carbon effluent sampled?	Yes	(N)
Compliance event?	Yes	(B)
Time sampled.	NA	a.m. <u>/p.</u> m.
Product sampled?	Yes	160

Recovery and Disposal		
Recovery from DNAPI, Drum Pure DNAPI, to disposal drum, DNAPI, water to disposal drum, DNAPL/water to oil/water separator.	3.5 60.0	Gallons Gallons Gallons
Recovery from Od-Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum	00	Gallons Gallons
Product, Carbon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums	4 4 3	Drums Drums Drums Drums
Drums labeled? Drums pallettzed?		No No

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	22	PSI .
DNAPL pump pressure (departure)	27	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	不	Алтом
Refill control setting (departure)	₩	Апом
DNAPL Drum		
High level shut off operational?	(FES)	No
Green warning light operational?	res	No ·
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	(X)
Decant valve integrity.	Good	Poor
DNAPI, Pump and Piping		
DNAPL piping integrity.	Grad	Poor
DNAPL pump cleaned?	Yes	- (N)
DNAPL top of pump depth.	NA	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	35	PSI
LNAPL pump pressure (departure)	35	PSI
Bubbler tube operating pressure	7	PSI
Pneumatic settings adjusted?	Yes	Ø
Discharge control setting (departure)	7	Arrow
Refill control setting (departme)	*	Arrow
I.NAPI. Pump and Piping		
LNAPL piping integrity.	Cina	Poor
LNAPL pump cleaned?	Yes	O
LNAPL top of pump depth.	NA	Feet
Oil/Water Separator		
Water high level shut-off operational?	(FE)	No
White warning light operational?	Yes .	No
Separator vessel integrity.	(5000)	Poor
Leaks present'	Yes	€ ®
Separator cover and seal integrity.	Count	Poor
Decant valve integrity	Good	Poor
LNAPL in separator?	Yes	ALO .
Separator needs cleaning?	Yes	MAN
Separator cleaned?	Yes	(O)

Technician:		
Date:	5-13	-05

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Pes	No
Pump integrity.	(Tipod	Poor
Flow meter operational?	` € €}	No
Transfer pump flow rate.	8.46	GPM
Totalizer reading (cumulative volume).	286 /30	Gallons
Water filters changed?	Yes /	No
Filter unit pressure (arrival/departure)	14.0/19	PSI 🗎
	, , ,	:
Carbon Treatment Drumy		
Primary carbon drum integrity.	Ø694	Poor
Primary carbon drum leaks?	Yes	(S)
Primary carbon drum pressure.	20	PSI -
Primary carbon removed for disposal?	Yes	Æ
Secondary carbon drum rotated to primary?	Yes	4
New carbon placed in primary drum?	Yes	₹
	· ·	
Secondary carbon drum integrity.	વ્યા	Poor
Secondary carbon drum leaks?	Yes	€
Secondary carbon drum pressure.	1.5	PSI
Secondary carbon removed for disposal?	Yes	6
Polishing drum rotated to secondary?	Yes	(ASI)
New carbon placed in secondary drum?	Yes	6
B 1515 I Inc intermite.		Poor
Polishing carbon drum integrity.	Yes	
Polishing carbon drum leaks?	7 es	₹ © PSI
Polishing carbon drum pressure.	Yes	
Polishing carbon removed for disposal? New carbon placed in primary drum?	Yes	₩
New caroon placed in primary drum?	res	PALLY :
Discharge Piping		,
Pipe integrity in shed.	(Linnit)	Poor
Pipe integrity at catch basin	dining.	Poor
Pipe at catch basin clear?	Fes	No :
Pipe integrity at creek.	(00)	Poor
Pipe at creek clear?	₹®	No

Miscellaneous		
Building and Suc Remediation shed integrity. Shed ventilation acceptable? Repairs work needed? Spill evidence?	Good Yes Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational	4 to 3	No No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(N9)
Air Compressor		
Compressor operational?	O	No
Compressor hours.	2922.3	Hours
Oil level checked?	(Yes)	No
Oil level changed?	Yes	60
Compressor trap operating?	C	No
Regulator operating?	€ CEP	No
Air lines perfonning properly?	E	No

Sampling		
Primary carbon influent sampled?	Yes	(NO)
Primary carbon effluent sampled?	Yes	(GA)
Secondary carbon effluent sampled?	Yes	(%)
Compliance event?	Yes	(B)
Time sampled.	NA	a.m./p.m.
Product sampled?	Yes .	(16)

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	1.0	Gallons
DNAPL/water to disposal drum.	3.0	Gallons
DNAPL/water to oil/water separator.	62.0	Gallons
Recovery from Oil Water Separator		
Pure DNAPL to disposal drum.	0.0	Gallons
DNAPL/water to disposal drum	0.0	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	4	Drums
Spent carbon drums	4	Drums
PPE/Solids drums	3	Drums
LNAPL drums	0	Drums
Drums labeled?	X	No
Drums palletized?	0	No

<u>Table 4-1</u>

Site Visit Checklist/Data Sheet

DNAPL System	·	
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	2)	PSI
DNAPL pump pressure (departure)	22	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Агтом
Refill control setting (departure)	7	Апом
DNAPL Drum		
High level shut off operational?	(CS)	No
Green warning light operational?	E	No
DNAPL drum container integrity.	€	Poor
Leaks present?	Yes	CNS
Decant valve integrity.	(100g)	Poor
DNAPI, Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	₹
DNAPL top of pump depth.	NX	Feet

LNAPL/Groundwater System		
Operational upon arrival?	(Yes)	No
LNAPL pump pressure (arrival)	35	PSI
I.NAPL pump pressure (departure)	35	PSI
Bubbler tube operating pressure	7	PSI
Pneumatic settings adjusted?	Yes	₩.
Discharge control setting (departure)	*	Arrow
Refill control setting (departure)	₩	. Апож
I.NAPL Pump and Pipmg		
LNAPL piping integrity.	Gold	Poor
LNAPL pump cleaned?	Yes	®
LNAPL top of pump depth.	NA	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Fig)	No
White warning light operational?	E	No
Separator vessel integrity	(000)	Poor
Leaks present?	Yes	(No)
Separator cover and seal integrity	(AUD)	Poor
Decant valve integrity	(1000)	Poor
LNAPL in separator?	Yes	(M)
Separator needs cleaning?	Yes	(N)
Separator cleaned?	Yes	Nu

Technician:	<u>UK</u>	
Date:	5-21-05	

LNAPL/Groundwater System - (Continued)		٠.
Transfer Pump and Piping		
Pump operational?	(Ses)	No
Pump integrity.	6600	Poor :
Flow meter operational?	Fes	No
Transfer pump flow rate.	8,23	GPM
Totalizer reading (cumulative volume).	2849540	Gallons
Water filters changed?	Yeş	No
Filter unit pressure (arrival/departure)	0.0/10.0	PSI
Carbon Treatment Drums	-	
Primary carbon drum integrity.	(500D)	Poor
Primary carbon drum leaks?	Yes	₹
Primary carbon drum pressure.	2.0	PSI
Primary carbon removed for disposal?	Yes	6 Mg
Secondary carbon drum rotated to primary?	Yes	, -
New carbon placed in primary drum?	Yes	&
Secondary carbon drum integrity.	GOOD	Poor
Secondary carbon drum leaks?	Yes	No.
Secondary carbon drum pressure.	1.0	PSI
Secondary carbon removed for disposal?	Yes	Ø 6
Polishing drum rotated to secondary?	Yes	Sher
New earbon placed in secondary drum?	Yes	AD
Polishing carbon drum integrity.	Cloud	Poor
Polishing earbon drum leaks?	Yes	B
Polishing carbon drum pressure.	116	PSI
Polishing carbon removed for disposal?	Yes	€¶D
New carbon placed in primary drum?	Yes	80
Discharge Piping		:
Pipe integrity in shed.	(CTOTON)	Poor
Pipe integrity at catch basin	Cood	Poor
Pipe at catch basin clear?	(E)	No
Pipe integrity at creek.	(ATTUR	Poor
Pipe at creek clear?	(Car)	- No

Miscellaneous		
Building and Suc Remediation shed integrity. Sfied ventilation acceptable?	(See See See See See See See See See See	Poor
Repairs/work needed? Spill evidence?	Yes	8
Electrical and Heating		
Electric controls operational		No
Heater operational	(Yes)	No

Miscellaneous - (Continued)		
Access Vaults Overall vault integrity. Repairs needed to vaults?	Good Yes	20 (S)
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	GA S S B BE	No Hours No No No No

Sampling		
Primary carbon influent sampled?	Yes	(Na
Primary carbon effluent sampled?	Yes	₽
Secondary carbon effluent sampled?	Yes	1
Compliance event?	Yes,	KD
Time sampled.	111	a,m./p.m.
Product sampled?	Yes	(N)

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	0.5 3.0 56.0	Gallons Gallons Gallons
Recovery from Od Water Separator Pute DNAPL to disposal drum. DNAPL water to disposal drum	0.0	Gallons Gallons
Product, Carhon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums	<i>y y y y</i>	Drums Drums Drums
LNAPL drums Drums labeled? Drums palletized?	000	Drums No No

Notes:



DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	\sim	PSI
DNAPL pump pressure (departure)	22	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	A	Arrow
Refill control setting (departure)		Апом
DNAPL Drum		
High level shut off operational?	(Tex	No
Green warning light operational?	(Zes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	(No)
Decant valve integrity.	Good	Poor
DNAPI, Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	(No
DNAPL top of pump depth.	NA	Feet

LNAPL/Groundwater System		1.
Operational upon arrival?	(s)	Nσ
LNAPL pump pressure (arrival)	35	PSI
1.NAPL pump pressure (departure)	.35	PSI
Bubbler tube operating pressure	7	PSI
Pneumatic settings adjusted?	Yes	(M)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	4	Arrow 1
I.NAPI, Pump and Piping		
LNAPL piping integrity.	(GOD)	Poor
LNAPL pump cleaned?	Yes	· (B)
LNAPL top of pump depth.	NA	Feet
1		
Oil/Water Separator	_	
Water high level shut-off operational?	Ø€S	No
White warning light operational?	250	No
Separator vessel integrity	COUR!	Poor
Leaks present?	Yes	1990
Separator cover and seal integrity.	(CITATO)	Poor
Decant valve integrity	(Hood)	Poor
LNAPL in separator?	Yes	Æ
Separator needs cleaning?	Yes	6
Separator cleaned?	Yes	₹ 9

Technician:	D.A.	
Date:	5-27-05	· ·

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	(YES)	No
Pump integrity.	(000)	Poor
Flow meter operational?	RE	No .
Transfer pump flow rate.	8.21	GPM
Totalizer reading (cumulative volume).	293004	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	100100	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	1
Primary carbon drum pressure.	25	PSI
Primary carbon removed for disposal?	Yes	€
Secondary carbon drum rotated to primary?	Yes	(D)
New carbon placed in primary drum?	Yes	6
Secondary carbon drum integrity.	(in)	Poor
Secondary carbon drum leaks?	Yes	(N)
Secondary carbon drum pressure.	1-8	PSI
Secondary carbon removed for disposal?	Yes	(Ris
Polishing drum rotated to secondary?	Yes	O
New carbon placed in secondary drum?	Yes	0
Polishing carbon drum integrity.	Gingip	Poor
Polishing carbon drum leaks?	Yes	(Tr)
Polishing carbon drum pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes	NO.
New carbon placed in primary drum?	Yes	6
Discharge Piping		
Pipe integrity in shed.	(100)	Poor
Pipe integrity at catch basin	CIUMI	Poor
Pipe at eatch basin clear?		Νο
Pipe integrity at creek.	Muoi	Poor
Pipe at creek clear?	(ES)	No

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

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

Sampling		
Primary carbon influent sampled?	(E)	No
Primary carbon effluent sampled?	Yes	(No)
Secondary carbon effluent sampled?	(18)	No
Compliance event?	(YES)	No
Time sampled.	0200	₹.m)p.m.
Product sampled?	Yes	B

Recovery and Disposal	i.	
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	05 1:0 05	Gallons Gallons Gallons
Recovery from Od-Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum	0.0	Gallons Gallons
Product, Carbon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums	\$ \$ \$3 0	Drums Drums Drums Drums
Drums labeled? Drums palletized?	1 1 1 1 1 1 1 1 1 1	No No

Renformed Monthly Samplin

DNAPL System	"我们来说。"	1,7 x 5 x 1, y 48 1
Operational upon arrival?	Yes	No .
DNAPL pump pressure (arrival)	- 1. K. W. W.	PSI
DNAPL pump pressure (departura)	* * **.	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	The Age William	Arrow
Refill control setting (departure)	3.12.12.2	Arrow
	1. NEV.3	
DNAPL Drum		
High level shut off operational?	Y657	No
Green warning light operational?	(F)	: No
DNAPL drum container integrity.	Cidod .	Poor
Leaks present?	Yes	O €
Decant valve integrity.	6 69	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	(God)	Poor
DNAPL pump cleaned?	Yes	<u></u> ●
DNAPL top of pump depth.	NA	Feet

LNAPL/Groundwater System	on when to	r r arapar
Operational upon arrival?	(Yes)	No 🎡
LNAPL pump pressure (arrival)	38	PSI
I.NAPL pump pressure (departure)	35	- PSI
Bubbler tube operating pressure	7.0	PSI
Pneumatic settings adjusted?	Yes	
Discharge control setting (departure)	1	Arrow 5
Refill control setting (departure)	₩	Anow
	2 . Sept 1. 1	C. Agarega
LNAPL Pump and Piping		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LNAPL piping integrity.	(CO)	Poor
LNAPL pump cleaned?	Yes	()
LNAPL top of pump depth.	NA	Feet
[[- 1 - 1 - 1] [] - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Mary San San	
Oil/Water Separator		
Water high level shut-off operational?	(F)	No
White warning light operational?	25	No
Separator vessel integrity	السس	Poor
Leaks present?	Yes	®
Separator cover and seal integrity.	হেন্ট্ৰ	Poor
Decant valve integrity	Good	Poor
LNAPL in separator?	Yes	Æ
Separator needs cleaning?	Yes	Ø
Senarator cleaned?	Yes	(42)

Technician:	DH	- 42	7 10 1 Maria 4 2 7 324
Date:	6/3/6	To profession agri-	
	-0//-	4000	

	1 1	
LNAPL/Groundwater System - (Continued)	Land Company	A STATE OF STATE
Transfer Pump and Piping		: \$ 70 dt
Pump operational?	(No
Pump integrity.	@	Poor
Flow meter operational?	(Ves)	No
Transfer pump flow rate. 8.46	276133	GPM
Totalizer reading (cumulative volume).	296 (33	Gallons
Water filters changed?	Yes	1600
Filter unit pressure (arrival/departure)	11.0/11.0	PSI
	44 / St.	
<u>Carbon Treatment Drums</u>		
Primary carbon drum integrity.	CODE4	Poor
Primary carbon drum leaks?	Yes	®
Primary carbon drum pressure.	2,0	PSI
Primary carbon removed for disposal?	Yes	39
Secondary carbon drum rotated to primary?	Yes	MG.
New carbon placed in primary drum?	Yes	No
		Property States
Secondary carbon drum integrity.	2000	Poor
Secondary carbon drum leaks?	Yes	PSI
Secondary carbon drum pressure. Secondary carbon removed for disposal?	Yes	187
Polishing drum rotated to secondary?	Yes	Ó
New carbon placed in secondary drum?	Yes	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
The state of the s		And The second
Polishing carbon drum integrity.	G060	Poor
Polishing carbon drum leaks?	Yes	ന്ത
Polishing carbon drum pressure.	NX	PSI
Polishing carbon removed for disposal?	Yes	250
New carbon placed in primary drum?	Yes	√w
The control of the second of t		
<u>Discharge Piping</u>	Car William	
Pipe integrity in shed.	(700)	Poor
Pipe integrity at catch basin	- E	Poor
Pipe at catch basin clear?		No
Pipe integrity at creek.	(in)	Poor
Pipe at creek clear?	(res)	No

Building and Sue		
Remediation shed integrity.	(Arright	Poor
Shed ventilation acceptable?	YES	No
Repairs/work needed?	Yes	©
Spill evidence?	Yes	
Electrical and Heating		a
Electric controls operational	(YES)	No
Heater operational	Res	No

Miscellaneous - (Continued)	· 医内侧侧侧	THE HISTORY
Access Vaults		
Overall vault integrity.	CC664	Poor
Repairs needed to vaults?	Yes	(F)
Air Compressor	Lagran and	
Compressor operational?	NED .	No
Compressor hours.	MA	Hours
Oil level checked?	100	No ·
Oil level changed?	- 1	(No
Compressor trap operating?	CE	No
Regulator operating?	l Œ	No
Air lines performing properly?	(Yes)	No

Sampling	Nga 'n Art	edisk et 195 er
Primary carbon influent sampled?	Yes	® €
Primary carbon effluent sampled?	Yes	₫9
Secondary carbon effluent sampled?	Yes	ØØ .
Compliance event?	Yes	8
Time sampled.	M	a.m./p.m.
Product sampled?	Yes	(N)

Recovery and Disposal		pysikilejinik en ji
Recovery from DNAPL Drum	* 1	and the second of the second
Pure DNAPL to disposal drum.	10000	Gallons
DNAPI./water to disposal drum.	k militalist	Gallons
DNAPL/water to oil/water separator.		Gallons
		and offers of the State of the State of the
Recovery from Oil Water Separator	111 4 41 114	
Pure DNAPL to disposal drum		Gallons
DNAPL water to disposal drum	+ + x*	Gallons
	1,4,123	
Product, Carbon, Waste Storage	stri stia	
DNAPL drums on-site (full and fractional)	5	Drums
Spent carbon drums	4	Drums
PPE/Solids drums	. 3	Drums
LNAPL drams	6	Drums
Drums labeled?	€ C	No
Drums palletized?	(E)	No

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)		Апоw
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
		1
DNAPL Pump and Piping	1 -0	
DNAPL piping integrity.	(Good)	Poor
DNAPL pump cleaned?	Yes	(S)
DNAPL top of pump depth.	IVA	Feet

LNAPL/Groundwater System			
Operational upon arrival?	Yes	Nυ	
LNAPL pump pressure (arrival)	35.0	PSI -	
1.NAPL pump pressure (departure)	350	PSI	
Bubbler tube operating pressure.	70	PSI	
Pneumatic settings adjusted?	Yes	. 20	
Discharge control setting (departure)	1	Arrow	
Refill control setting (departure)	V	Anow	
I.NAPI. Pump and Piping			
LNAPL piping integrity.	GOOD	Poor	
LNAPL pump cleaned?	Yes	-000	
LNAPL top of pump depth.	NA	Feet	
Oil/Water Separator			
Water high level shut-off operational?	755D	No	
White warning light operational?	(45)	No	
Separator vessel integrity.		Poor	
Leaks present?	Yes	(B)	
Separator cover and seal integrity.	OFFI	Poor	
Decant valve integrity.	433	Poor	
LNAPL in separator?	Yes	OSU	
Separator needs cleaning?	Yes	QQQ	
Separator cleaned?	Yes	®	

•	Technician:	D	μ	 		 <u> </u>	
u .	Date:	Llid	06			 	
		777					

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Ces	No
Pump integrity.	Good	Poor
Flow meter operational?	(G)	No .
Transfer pump flow rate.	8.38	GPM
Totalizer reading (cumulative volume).	298992	Gallons
Water filters changed?	Yes	₫
Filter unit pressure (arrival/departure)	11.0/11.0	PSI
	1	
Carbon Treatment Drums		
Primary carbon drum integrity.		Poor
Primary carbon drum leaks?	Yes	4
Primary carbon drum pressure.	2.0	PSI
Primary carbon removed for disposal?	Yes	983
Secondary carbon drum rotated to primary?	Yes	48
New carbon placed in primary drum?	Yes	Q
	1 1	
Secondary carbon drum integrity.	(660)	Poor
Secondary carbon drum leaks?	Yes	
Secondary carbon drum pressure.	1.0	PSI
Secondary carbon removed for disposal?	Yes	€
Polishing drum rotated to secondary?	Yes	69
New carbon placed in secondary drum?	Yes	80
		1.0
Polishing carbon drum integrity.	GGG	Poor
Polishing carbon drum leaks?	Yes	M2
Polishing carbon drum pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes	6 50 €
New carbon placed in primary drum?	Yes	E
Discharge Piping		
Pipe integrity in shed.	(Atron)	Poor
Pipe integrity at catch basin	Elmin	Poor
Pipe at catch basin clear?	FED	No
Pipe integrity at creek.	COUR	Poor
Pipe at creek clear?	Tes	No

Miscellaneous		
Building and Sate Remediation shed integrity. Shed ventilation acceptable? Repairs:work needed? Spill evidence?	Yes Yes	Puor No No
Electrical and Heating Electric controls operational Heater operational	(B)	No No

Miscellaneous - (Continued)		
Access Faults		
Overall vault integrity.	669	Poor
Repairs needed to vaults?	Yes	8
<u>Air Comprexxor</u>		
Compressor operational?	(Ter	No
Compressor hours.	ш	Hours
Oil level checked?	(V)	Nò
Oil level changed?	Yes	6
Compressor trap operating?	6	No
Regulator operating?	@	No
Air lines performing properly?	(6)	No

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

Recovery and Disposal	i tatu t	the second
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum. DNAPL/water to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
DNAPL/water to oil/water separator.		Gallons
	7 TH 4 1	
Recovery from Oil Water Separator		
Pure DNAPL of disposal drum.		Gallons
DNAPL/water to disposal drum		Gallons
		'
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)	5-	Drums
Spent carbon drums	4	Drums
PPE/Solids drums	3	Drums
LNAPL drums	0	Drums
Drums labeled?	0	No
Drums palletized?	(Nο

Notes: Vone

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)		Апож
Refill control setting (departure)		Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPI. Pump and Piping		
DNAPL piping integrity.	GAGE	Poor
DNAPL pump cleaned?	Yes "	(Na)
DNAPL top of pump depth.	NA	Feet

LNAPL/Groundwater System		
Operational upon arrival?	(E)	Nσ
LNAPL pump pressure (arrival)	28.0	PSI
I.NAPL pump pressure (departure)	28.04	PSI .
Bubbler tube operating pressure.	7.0	PSI
Pneumatic settings adjusted?	Yes	(ND)
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	1	Anow
I.NAPI, Pump and Piping		
LNAPL piping integrity.	Cion	Poor
LNAPL pump cleaned?	Yes	(M)
LNAPL top of pump depth.	NA	Feet
Oil/Water Separator		:
Water high level shut-off operational?	(G)	No .
White warning light operational?	<u></u>	No
Separator vessel integrity.	Give .	Poor
Leaks present?	Yes	®
Separator cover and seal integrity.	G G	Poor
Decant valve integrity.	Circular 1	Poor
LNAPL in separator?	Yes	(A)
Separator needs cleaning?	Yes	(A)
Separator cleaned?	Yes	No

Technician:	01/	
Date:	6-24-05	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	OP.	No
Pump integrity.	Good	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	8.48	GPM
Totalizer reading (cumulative volume).	307966	Gallons
Water filters changed?	Yes	6
Filter unit pressure (arrival/departure)	14.0	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	(Gight	Poor
Primary carbon drum leaks?	Yes	odys.
Primary carbon drum pressure.	1.0	PSI
Primary carbon removed for disposal?	Yes	⊘ \$16
Secondary carbon drum rotated to primary?	Yes	250
New carbon placed in primary drum?	Yes	110
Secondary carbon drum integrity.	(GOO)	Poor
Secondary carbon drum leaks?	Yes	€03
Secondary carbon drum pressure.	0.0	PSI
Secondary carbon removed for disposal?	Yes	∌ ₩ :
Polishing drum rotated to secondary?	Yes	₩.
New carbon placed in secondary drum?	Yes	(New
	_ '	
Polishing carbon drum integrity.	Ciotal	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	7VA	PSI
Polishing carbon removed for disposal?	Yes	Œ
New carbon placed in primary drum?	Yes	₩
<u>Discharge Piping</u>		
Pipe integrity in shed.	Cinor	Poor
Pipe integrity at catch basin	(min)	Poor
Pipe at catch basin clear?	(E)	No
Pipe integrity at creek.	Cioud	Poor
Pipe at creek clear?	YES	No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable?	(Gar)	Poor No
Repairs/work needed? Spill evidence?	Yes Yes	
Electrical and Heating Electric controls operational Heater operational	(5)	No No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	(G)	Poor
Repairs needed to vaults?	Yes	6 9
Air Compressor		
Compressor operational?	(Yes	No
Compressor hours.	2934.7	Hours
Oil level checked?	(Tes	No
Oil level changed?	Yes	€
Compressor trap operating?	₹	No
Regulator operating?	€	No
Air lines performing properly?	(No

Sampling		
Primary carbon influent sampled?	(29)	No
Primary carbon effluent sampled?	Yes	(N)
Secondary carbon effluent sampled?	1 Pos	No
Compliance event?	(Cas	No
Time sampled.	1500	a.m./p.m.
Product sampled?	Yes	No

Recovery and Disposal		
Recovery from DNAP1, Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
DNAPL/water to oil/water separator		Gallons
l manifestation		
Recovery from Oil Water Separator		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum		Gallons
Prochict, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drinns		Drums
PPE/Solids drums		Drums
LNAPL drums		Drums
Drums labeled?	Yes	No
Dums palletized?	Yes	. No

Notes:	None-	first	Lata	
	Collection	n with	, new C	3)
	Curbon	disms	replaced e	on 6/2i

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 (departurg)		Arrow
Refill control setting (departure		Апом
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	Good	Poor
Leaks prosent?	Yes	No
*Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.		Poor
DNAPL pump cleaned?	Yes	6
DNAPL top of pump depth.	* \ \mathcal{U} \mathcal{A} \	Feet

LNAPL/Groundwater System		
Operational upon arrival? LNAPL pump pressure (arrival) LNAPL pump pressure (departure) Bubbler tube operating pressure Pneumatic settings adjusted? Discharge control setting (departure) Refill control setting (departure)	7.0 Yes	No PSI PSI PSI ATTOW ATTOW
I.N.APL Pump and Pupmg LNAPL piping integrity. LNAPL pump cleaned? LNAPL top of pump depth.	Yes NA	Poor Feet
Oil-Water Separator Water high level shut-off operational? White warning light operational? Separator vessel integrity. Leaks present? Separator cover and seal integrity. Decant valve integrity. 'LNAPL in separator? Separator needs cleaning? Separator cleaned?	क्षित्री हैं। क्षेत्र के किस के कि	No No Pool Poor Poor Poor No No

Technician:	OH	
£	71-05	
Date:	1-1-05	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	RES	No
Pump integrity	8666	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	1200 2041	GPM
Totalizer reading (cumulative volume).	28.30	Gallons
Water filters changed?	Yes	(ND)
Filter unit pressure (arrival/departure)	145/14.0	- PSI
(17.3/15	
Carbon Treatment Drums		
Primary carbon drum integrity.	(GGG)	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	2.0	PSI
Primary carbon removed for disposal?	Yes	AFG)
Secondary carbon drum rotated to primary?	Yes	769
New carbon placed in primary drum?	Yes	₩ 9
Secondary carbon drum integrity.	C COD	Poor
Secondary carbon drum leaks?	Yes	180
Secondary carbon drum pressure.	(,0	PSI
Secondary carbon removed for disposal?	Yes	Ø b
Polishing drum rotated to secondary?	Yes	No
New carbon placed in secondary drum?	Yes	No
Polishing carbon drum integrity.	Qũũd⊃ ⊹	Poor
Polishing earbon drum leaks?	Yes	No
Polishing carbon drum pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes	No
New carbon placed in primary drum?	Yes	No
Discharge Piping		
Pipe integrity in shed	Cinod	Poor
Pipe integrity at catch basin	Grand	Poor
Pipe at catch basin clear?		No
Pipe integrity at creek.	(Ciphel)	Poor
Pipe at creek clear?	Ver	No

Miscellaneous		
Building and Suc Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Yes Yes	Poor No (2)
Electrical and Heating Electric controls operational Heater operational		No No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	(Good)	Poor
Repairs needed to vaults?	Yes	(№)
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	2936.3	Hours
Oil level checked?	(ES)	No
Oil level changed?	Yes	(00)
Compressor trap operating?	₹ 6 0	No
Regulator operating?	(YES	No
Air lines performing properly?	(Yes)	No

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

· · · · · · · · · · · · · · · · · · ·		
Recovery and Disposal		<u> </u>
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)		Drums
Spent carbon drums		Drums
PPE/Solids drums		Drums
LNAPL drums		Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No .

Notes:

DNAPL System	1.1	
Operational upon arrival?	Yes	
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Апом
Refill control setting (departure)		Апом
DNAPL Drum High level shut off operational? Green warning light operational? DNAPL drum container integrity. Leaks present? •Decant valve integrity.	Yes Yes Good Yes Good	No No Poor No Poor
INAPL Pump and Piping DNAPL piping integrity DNAPL pump cleaned? DNAPL top of pump depth	Good Yes	Poor No Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	25.0	PSI ·
I.NAPL pump pressure (departure)	25.3	PSI
Bubbler tube operating pressure	7.0	PSI
Pneumatic settings adjusted?	Yes	€
Discharge control setting (departure)		Arrow
Refill control setting (departure)	4	Arrow
I.N.API. Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	(P)
LNAPL top of pump depth.	NA	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Fes)	No
White warning light operational?	250	No
Separator vessel integrity.	Good	Poot
Leaks present"	Yes	
Separator cover and seal integrity	Giood	Poor
Decant valve integrity	Good	Poor
1.NAPL in separator?	Yes	
Separator needs cleaning?	Yes	©
Separator cleaned?	Yes	(S)

7-8-05

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Res	No
Pump integrity	Good	Poor
Flow meter operational?	(Yês)	No
Transfer pump flow rate.	8:35	GPM
Totalizer reading (cumulative volume)	3/0.00/	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	15/15	PSI
	10/15	
Carbon Treatment Drums		
Primary carbon drum integrity.	(Cood)	Poor
Primary carbon drum leaks?	Yes	\bigotimes
Primary carbon drum pressure.	20	PSI
Primary carbon removed for disposal?	Yes	980
Secondary carbon drum rotated to primary?	Yes	Ø¥₹
New carbon placed in primary drum?	Yes	No
Secondary carbon drum integrity.	(E)	Poor
Secondary carbon drum leaks?	Yes	9₹∂
Secondary carbon drum pressure.	10	PSI
Secondary carbon removed for disposal?	Yes	(Ala)
Polishing drum rotated to secondary?	Yes	6 0
New carbon placed in secondary drum?	Yes	
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	
Polishing carbon drum pressure.	M	PSI No
Polishing carbon removed for disposal?	Yes	
New carbon placed in primary drum?	Yes	©
Discharge Piping		ľ.
Pipe integrity in shed.	(Fuod)	Poor
Pipe integrity at catch basin	()	Poor
Pipe at catch basin clear?	(M)	No
Pipe integrity at creek.	(COO)	Poor
Pipe at creek clear?	X	No
		
Miscellaneous		
Building and Site		

Miscellaneous		
Building and Suc Remediation shed integrity	Cimos	l'oor
Shed ventilation acceptable?		No
Repairs work needed?	2	(No)
Spill evidence?		No
Electrical and Heating		
Electric controls operational	(TES)	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.	2938.2	Hours
Oil level checked?	(Yes)	No
Oil level changed?	Yes	(E)
Compressor trap operating?	(TES)	No
Regulator operating?	(E)	No
Air lines performing properly?		No
Sampling		
	T I	

Sampling		
Primary carbon influent sampled?	Yes	(T)
Primary carbon effluent sampled?	Yes	Ø₩
Secondary carbon effluent sampled?	Yes	₹No
Compliance event?	Yes	No :
Time sampled.	NA	a.m./p.m.
Product sampled?	Yes	(F)

Recovery and Disposal	7	╝
Recovery from DNAPI, Drum Pure DNAPI, to disposal drum. DNAPI, water to disposal drum. DNAPI water to oil/water separator.	Gallons Gallons Gallons	
Recovery from Od-Water Separator Pure DNAPL to disposal drum. DNAPL water to disposal drum	Gallons Gallons	
Product, Carhon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums Drums labeled?	Drums Drums Drums Drums Ves No	and the contract of the contract of
Drums palletized?	Yes No	

Notes: Nonl

se Main Disposal

Technician:

DNAPL System		7
Operational upon arrival?	Yes) >>
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)		Апом
Refill control setting (departure)		Arrow
I NA		
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.		Feet

LNAPL/Groundwater System		
Operational upon arrival?	(Vis	No
LNAPL pump pressure (arrival)	250	PSI
I.NAPL pump pressure (departure)	250	PSI
Bubbler tube operating pressure	7.2	PSI
Pneumatic settings adjusted?	Yes	1 1 1 1 1 1 1 1 1 1
Discharge control setting (departure)		Arrow
Refill control setting (departure)	V	Arrow
I.NAPI. Pump and Piping		
LNAPL piping integrity.	Crond	Poor
LNAPL pump cleaned?	Yes	CNO
LNAPL top of pump depth.	NA	Feet
Oil/Water Separator .	1 2	
Water high level shut-off operational?	(F)	No
White warning light operational?	(Y)	No
Separator vessel integrity.	Good	Poor
Leaks present"	Yes	
Separator cover and seal integrity.	(Stool)	Poor
Decant valve integrity.	Good	Poor
1.NAPL in separator?	Yes	
Separator needs cleaning?	Yes	
Separator cleaned?	Yes	(v ⊼

Technician:	1) H			
Date:*	7-15-0	5		

	·	
LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping	_	100
Pump operational?	(Ter	No
Pump integrity.	(TOD)1	Poor
Flow meter operational?	(150s	No
Transfer pump flow rate.	8.42	GPM
Totalizer reading (cumulative volume).	3/0,754	Gallons
Water filters changed?	(Yes)	No
Filter unit pressure (arrival/departure)	V/1.0	PSI
, -	(
Carbon Treatment Drums	16.	
Primary carbon drum integrity.	(COO)	Poor
Primary carbon drum leaks?	Yes	(N)
Primary carbon drum pressure.	2.0	PSI
Primary carbon removed for disposal?	Yes	Mo.
Secondary carbon drum rotated to primary?	Yes	(The second
New carbon placed in primary drum?	Yes	(Va)
Secondary carbon drum integrity.	Cool	Poor
Secondary carbon drum leaks?	Yes	CNB
Secondary carbon drum pressure.	1.0	PSI
Secondary carbon removed for disposal?	Yes	Ø₽ ·
Polishing drum rotated to secondary?	Yes	(Dir
New carbon placed in secondary drum?	Yes	`A ffi
	·	
Polishing carbon drum integrity.	(Rite)	Poor
Polishing carbon drum leaks?	Yes	™
Polishing carbon drum pressure.	1st	PSI
Polishing carbon removed for disposal?	Yes	
New carbon placed in primary drum?	Yes	No.
		,
Discharge Piping		
Pipe integrity in shed.	Control	Poor
Pipe integrity at catch basin	Critical .	Poor
Pipe at catch basin clear?		No
Pipe integrity at creek.	Stood	Poor
Pipe at creek clear?	/ (City)	No

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

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Cion Cion	Poor
Repairs needed to vaults?	Yes	CNA
Air Compressor		
Compressor operational?	Ves	No
Compressor hours.	2940.1	Hours
Oil level checked?	(CB	No
Oil level changed?	Yes	€ ®
Compressor trap operating?	OT B	No
Regulator operating?	(Fig.	No
Air lines performing properly?	(Yes)	No

Sampling		
Primary carbon influent sampled?	- BR	AB
Primary carbon effluent sampled?	Yes	₹
Secondary carbon effluent sampled?	Yes	000
Compliance event?	Yes	(D)
Time sampled.	NOS	a.m./p.m.
Product sampled?	Yes	(B)

Recovery and Disposal			
Recovery from DNAPL Drum		1	l
Pure DNAPL to disposal drum.		Gallons	
DNAPL/water to disposal drum.		Gallons	l
DNAPL/water to oil/water separator.		Gallons	ŀ
Recovery from Oil Water Separator			
Pure DNAPL to disposal drum.	ļ	Gallons	
DNAPI /water to disposal drum		Gallons	
Product, Carbon, Waste Storage			
DNAPL drums on-site (full and fractional)		Drums	r
Spent carbon drams		Drums	1
PPE/Solids drums		Drums	1
LNAPL drums		Drums	١
Drums labeled?	Yes	No	
Drums palletized?	Yes	No	ŀ

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See main disposal list

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
DNAPL Drum	_	14.00
High level shut off operational?	YG	No
Green warning light operational?	CQ.	No -
DNAPL drum container integrity.	Good	Poor
Leaks present?	Yes	(B)
•Decant valve integrity.	€	Poor
	·	
DNAPL Pump and Piping	_	
DNAPL piping integrity.	(669)	Poor
DNAPL pump cleaned?	Yes	(No
DNAPL top of pump depth.	M	Feet

LNAPL/Groundwater System		
Operational upon arrival?	(Fés)	No
LNAPL pump pressure (arrival)	25.0	PSI
LNAPL pump pressure (departure)	25.0	PSI
Bubbler tube operating pressure.	7.0	PSI
Pneumatic settings adjusted?	Yes	₹®
Discharge control setting (departure)	1	Апоw
Refill control setting (departure)	1	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	(God)	Poor
LNAPL pump cleaned?	Yes	1
LNAPL top of pump depth.	M	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Yes)	No
White warning light operational?	765	No
Separator vessel integrity.	[660]	Poor
Leaks present?	Yes	€
Separator cover and seal integrity.	66	Poor
Decant valve integrity.	(G)	Poor
'LNAPL in separator?	Yes	9
Separator needs cleaning?	Yes	
Separator cleaned?	Yes	(No)

Technician:	OH.	
Date:	7-29-05	

LNAPL/Groundwater System - (Continued)	45,	
Transfer Pump and Piping		
Pump operational?	res	No
Pump integrity.	(669)	Poor
Flow meter operational?	AB	No
Transfer pump flow rate.	8.56	GPM
Totalizer reading (cumulative volume).	3/2325	Gallons
Water filters changed?	Yes,	160
Filter unit pressure (arrival/departure)	12.0/12.0	PSI
Carbon Treatment Drums		3 x 3
Primary carbon drum integrity.	(Good)	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	20	PSI
Primary carbon removed for disposal?	Yes	6%
Secondary carbon drum rotated to primary?	Yes	\$60)
New carbon placed in primary drum?	Yes	X
Secondary carbon drum integrity.	(500d)	Poor
Secondary carbon drum leaks?	Yes	(140)
Secondary carbon drum pressure.	Oi.	PSI
Secondary carbon removed for disposal?	Yes	₹6)
Polishing drum rotated to secondary?	Yes	(3
New carbon placed in secondary drum?	Yes	460
Polishing carbon drum integrity.	(500B)	Poor
Polishing carbon drum leaks?	Yes	(E)
Polishing carbon drum pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes	249
New carbon placed in primary drum?	Yes	5
Discharge Piping		
Pipe integrity in shed.	(1990)	Poor
Pipe integrity at catch basin.	(G669)	Poor
Pipe at catch basin clear?	(Ves)	No
Pipe integrity at creek.	666	Poor
Pipe at creek clear?	(Yes)	No

Miscellaneous		
Building and Site		
Remediation shed integrity.	600	Poor
Shed ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	₩.
Spill evidence?	Yes	(No
	2.5	
Electrical and Heating	1	
Electric controls operational	(G)	No
Heater operational	E	No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	(600)	• Poor
Repairs needed to vaults?	Yes	(6N)
Air Compressor		
Compressor operational?	E	No
Compressor hours.	29904	Hours
Oil level checked?	\\\\(\mathbb{E}\)	No
Oil level changed?	Yes	(ON)
Compressor trap operating?	000	No
Regulator operating?	6	No
Air lines performing properly?	E	No

Sampling		Y d
Primary carbon influent sampled?	(TES)	No
Primary carbon effluent sampled?	Yes	€
Secondary carbon effluent sampled?	. (YES)	No
Compliance event?	res	Na
Time sampled.	1500	a.m./p.m.
Product sampled?	Yes	(No)

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to disposal drum.		Gallons
DNAPL/water to oil/water separator		Gallons
Recovery from Oil/Water Separator		1.1
Pure DNAPL to disposal drum.		Gallons
DNAPL/water to dispesal drum.		Gallons
		100
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums		Drums
PPE/Solids drums		Drums
LNAPL drums		Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

See Main Disposal list

DNAPL System		
Operational upon arrival?	(P)	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	30	PSI
Pneumatic settings adjusted?	Yes	(ND)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	1	Апом
DNAPL Drum		
High level shut off operational?	(Yes)	No
Green warning light operational?	(Ye)	No
DNAPL drum container integrity.	(G601)	Poor
Leaks present?	Yes	No
Decant valve integrity.	Good	Poor
DNAPI, Pump and Piping	,	
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	NA	Feet

LNAPL/Groundwater System	*	
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	250	. PSI
LNAPL pump pressure (departure)	25.0	PSI
Bubbler tube operating pressure.	7,0	PSI
Pneumatic settings adjusted?	Yes	€
Discharge control setting (departure)	7	Апом
Refill control setting (departure)	1	Лпоw
LNAPL Pump and Piping		
LNAPL piping integrity.	(66)	Poor
LNAPL pump cleaned?	Yes	(N)
LNAPL top of pump depth.	NA	Feet
Oil/Water Separator		
Water high level shut-off operational?	Yes	No
White warning light operational?	Oes	No
Separator vessel integrity.	(60ga)	Poor
Leaks present?	Yes	(No
Separator cover and seal integrity.	€	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	(NO)
Separator needs cleaning?	Yes	®
Separator cleaned?	Yes	(N ₀)

<u> </u>		
Technician:	DH	
Date:	8/5/05	

I NIA DI (Crown durator System (C. 1)		
LNAPL/Groundwater System - (Continued)	·	
Transfer Pump and Piping		
Pump operational?	Ve Ve	No
Pump integrity.	(6000)	Poor
Flow meter operational?	(YES)	No
Transfer pump flow rate.	8.21	GPM
Totalizer reading (cumulative volume).	3126193	Gallons
Water filters changed?	Yes	No)
Filter unit pressure (arrival/departure)	12/12	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	\bigcirc
Primary carbon drum pressure.	3.0	PSI
Primary carbon removed for disposal?	Yes	6
Secondary carbon drum rotated to primary?	Yes	(No)
New carbon placed in primary drum?	Yes	Ø Ø
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	(Ñ)
Secondary carbon drum pressure.	0.0	PSI
Secondary carbon removed for disposal?	Yes	No
Polishing drum rotated to secondary?	Yes	(M)
New carbon placed in secondary drum?	Yes	No
Polishing carbon drum integrity.	(2992)	Poor
Polishing carbon drum leaks?	Yes	ØN9
Polishing carbon drum pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes	(No
New carbon placed in primary drum?	Yes	64
Discharge Piping		
Pipe integrity in shed.	(TBod)	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Tes	No
Pipe integrity at creek.	Good	Poor
Pipe at creek clear?	Yes	No

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

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Grod	Poor
Repairs needed to vaults?	Yes	No
<u>Air Compressor</u>		
Compressor operational?	Cyes	No
Compressor hours.	2993.1	Hours
Oil level checked?	Yes	
Oil level changed?	Yes	₹60°
Compressor trap operating?	(TEE)	No
Regulator operating?	₹ E	No
Air lines performing properly?	Ter	No

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

Recovery and Disposal			1
Recovery from DNAPL Drum Pure DNAPL to disposal drum.	0.4	Gallons	
DNAPL/water to disposal drum.	0.6	Gallons	
DNAPL/water to oil/water separator.	55	Gallons	۱
Recovery from Oil/Water Separator			
Pure DNAPL to disposal drum.	0.0	Gallons	
DNAPL/water to disposal drum.	0.0	Gallons	ı
Product, Carhon, Waste Storage			
DNAPL drums on-site (full and fractional)		Drums	ľ
Spent carbon drums		Drums	ı
PPE/Solids drums		Drums	
LNAPL drums		Drums	
Drums labeled?	Yes	No	
Drums palletized?	Yes	No	

Snone new
- see main disposul

DNAPL System		
Operational upon arrival?	(Yes)	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	(AB)
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)		Агтом
DNAPL Drum		
High level shut off operational?	Tes	No
Green warning light operational?	Yes	No
DNAPL drum container integrity.	(Cool)	Poor
Leaks present?	Yes	(N)
Decant valve integrity.	Good	Poor
DNAPI. Pump and Piping		
DNAPL piping integrity.	(Coyd)	Poor
DNAPL pump cleaned?	Yes	42 b
DNAPL top of pump depth.	NB	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	2520	PSI
LNAPL pump pressure (departure)	25.0	PSI
Bubbler tube operating pressure.	7.0	PSI
Pneumatic settings adjusted?	Yes	Ø
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	V	Лпоw
LNAPL Pump and Piping		
LNAPL piping integrity.	∠Goód	Poor
LNAPL pump cleaned?	Yes	(No)
LNAPL top of pump depth.	MA	Feet
Oil/Water Separator	÷	
Water high level shut-off operational?	Med	No
White warning light operational?	(Ve	No.
Separator vessel integrity.		Poor
1 '		
Leaks present?	Yes	(N)
Separator cover and seal integrity.	Godd	Poor
Decant valve integrity.	Good Yes	Poor
LNAPL in separator?		
Separator needs cleaning?	Yes	
Separator cleaned?	Yes	ן ישטי ן

Technician:	DH	
Date:	8/12/05	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Good	Poor
Flow meter operational?) Pes	No
Transfer pump flow rate.	7.64	GPM
Totalizer reading (cumulative volume).	1280	Gallons
Water filters changed?	(Yes)	No
Filter unit pressure (arrival/departure)	8 j!(PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	300	PSI
Primary carbon removed for disposal?	Yes	675
Secondary carbon drum rotated to primary?	Yes	ΛÑò
New carbon placed in primary drum?	Yes	1 80
Secondary carbon drum integrity.	G060	Poor -
Secondary carbon drum leaks?	Yes	(No
ļ 	0.0	PSI
Secondary carbon removed for disposal?	Yes	No
Polishing drum rotated to secondary?	Yes	1
New carbon placed in secondary drum?	Yes	(%)
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	N
Polishing carbon drum pressure.	111	PSI
Polishing carbon removed for disposal?	Yes	16 €
New carbon placed in primary drum?	Yes	, (X)
Discharge Piping		
Pipe integrity in shed.	ઉજા	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	/Yes	No
Pipe integrity at creck.	2000d	Poor
Pipe at creek clear?	(Ces)	No

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

Miscellaneous - (Continued)		
Access Vaults	-	
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(N_0)
Air Compressor		
Compressor operational?	Ses.	No
Compressor hours.	2995,2	Hours
Oil level checked?	Yes	No
Oil level changed?	Yes	W
Compressor trap operating?	200	No
Regulator operating?	(Ce	No
Air lines performing properly?	(Co)	No

Sampling		
Primary carbon influent sampled?	Yes	No
Primary carbon effluent sampled?	Yes	Mo
Secondary carbon effluent sampled?	Yes	1
Compliance event?	Yes	TIP OUT
Time sampled.	ass	a.m./p.m.
Product sampled?	Yes	No)

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	0,2	Gallons Gallons Gallons
Recovery from Oil/Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.	0.0	Gallons Gallons
Product, Carbon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums		Drums Drums Drums Drums
Drums labeled? Drums palletized?	Yes Yes	No No

Some new
- see main
disposal list

DNAPL System		
Operational upon arrival?	O P	No
DNAPL pump pressure (arrival)	20	PSI
DNAPL pump pressure (departure)	20	PSI
Pneumatic settings adjusted?	Yes	(No)
Discharge control setting (departure)	4	Arrow
Refill control setting (departure)	#	Arrow
DNAPL Drum		
High level shut off operational?	(Yes)	No
Green warning light operational?	New Year	No
DNAPL drum container integrity.	(Good)	Poor
Leaks present?	Yes	(No
Decant valve integrity.	€600P	Роог
DNAPI. Pump and Piping		
DNAPL piping integrity.	6.00	Poor
DNAPL pump cleaned?	Yes	(Q)
DNAPL top of pump depth.	NA	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	250	. PSI
LNAPL pump pressure (departure)	25.00	PSI
Bubbler tube operating pressure.	7.8	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Апом
Refill control setting (departure)	V	Апож
LNAPL Pump and Piping		
LNAPL piping integrity.	Good	Poor
LNAPL pump cleaned?	Yes	No.
LNAPL top of pump depth.	NA	Feet
Oil/Water Separator		
Water high level shut-off operational?	(Yes)	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	₩
Separator cover and seal integrity.	(Good)	Роог
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	1
Separator needs cleaning?	Yes	1
Separator cleaned?	Yes	(No)

Technician:	DH	
Date:	8/19/05	_
Date:	0[17]05	_

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	Yes	No
Pump integrity.	Goòd	Poor
Flow meter operational?	Tres	No
Transfer pump flow rate.	8.46	GPM
Totalizer reading (cumulative volume).	3/3010	Gallons
Water filters changed?	Yes	(No)
Filter unit pressure (arrival/departure)	11/11	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure.	3.0	PSI
Primary carbon removed for disposal?	Yes	(No
Secondary carbon drum rotated to primary?	Yes	160
New carbon placed in primary drum?	Yes	No
Secondary carbon drum integrity.	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure.	0.0	PSI
Secondary carbon removed for disposal?	Yes	ØØ6
Polishing drum rotated to secondary?	Yes	₩
New carbon placed in secondary drum?	Yes	€6
Polishing carbon drum integrity.	(Good)	Poor
Polishing carbon drum leaks?	Yes	€
Polishing carbon drum pressure.	M	PSI
Polishing carbon removed for disposal?	Yes	(1/15)
New carbon placed in primary drum?	Yes	Na
Discharge Piping		
Pipe integrity in shed.	Good	Poor
Pipe integrity at catch basin.	Good	Poor
Pipe at catch basin clear?	Fo	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?	Tes	No
Repairs/work needed?	Yes	(No
Spill evidence?	Yes	(No
Electrical and Heating		
Electric controls operational	(Res	No
Heater operational	EYes/	No

Miscellaneous - (Continued)		
Access Vaults	~~~	
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	(No)
Air Compressor		
Compressor operational?	Tes)	No
Compressor hours.	2998.	Hours
Oil level checked?	(Yes	No
Oil level changed?	Yes	No
Compressor trap operating?	(Tes	No
Regulator operating?	(Ve	No
Air lines performing properly?	Yes	No

Sampling		
Primary carbon influent sampled?	Yes	(Mg)
Primary carbon effluent sampled?	Yes	€
Secondary carbon effluent sampled?	Yes	€N ₀
Compliance event?	Yes	No -
Time sampled.	NA	a.m./p.m.
Product sampled?	Yes	_000₀

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	0.1 0.1 62	Gallons Gallons Gallons
Recovery from Oil/Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.	0.0	Gallons Gallons
Product, Curhon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums		Drums Drums Drums Drums
Drums labeled? Drums palletized?	Yes Yes	No No

none new 7-gel main disposal list

DNAPL System		
Operational upon arrival?	Yes	(No)
DNAPL pump pressure (arrival)		PSI
DNAPL pump pressure (departure)		PSI
Pneumatic settings adjusted?	A YES	. No
Discharge control setting (departure))A YES	Апоч
Refill control setting (departure)		Апож
DNAPL Drum		
High level shut off operational?	€	No
Green warning light operational?	€es	No
DNAPL drum container integrity.	Gooti	Poor
Leaks present?	Yes	No
Decant valve integrity.	(2003)	Poor
DNAPI. Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	No
DNAPL top of pump depth.	M	Feet

LNAPL/Groundwater System		
Operational upon arrival?	Yes	(No)
LNAPL pump pressure (arrival)		,PSI
LNAPL pump pressure (departure)		PSI
Bubbler tube operating pressure		PSI
Pneumatic settings adjusted? Discharge control setting (departure)	y cs	No
Discharge control setting (departure)	\mathbb{Z}	Arrow
Refill control setting (departure)	1	Arrow
I.NAPL Pump and Piping		
LNAPL piping integrity.	COULT	Poor
LNAPL pump cleaned?	Yes	No
LNAPL top of pump depth.	NA	l·cet
Oil/Water Separator		
Water high level shut-off operational?	(Cur)	No
White warning light operational?	(cs)	No
Separator vessel integrity	Good	Poot
Leaks present?	Yes	(Ny)
Separator cover and seal integrity	(Mode)	Poor
Decant valve integrity	Com	Poor
LNAPL in separator?	Yes	M
Separator needs cleaning?	Yes	(N)
Separator cleaned?	Yes	(Ni)

Technician:	DA_	
Date:	9 16.05	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	(PE	No
Pump integrity.	Good	Poor .
Flow meter operational?	(Yes)	No
Transfer pump flow rate.	7.96	GPM
Totalizer reading (cumulative volume).	313381	Gallons
Water filters changed?	Yeş	Øø
Filter unit pressure (arrival/departure)	12/12	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	∆√8
Primary carbon drum pressure.	ت. تخ	PSI
Primary carbon removed for disposal?	Yes	eNo.
Secondary carbon drum rotated to primary?	Yes	Ø\$0
New carbon placed in primary drum?	Yes	(O)
	_	
Secondary carbon drum integrity.	6001	Poor
Secondary carbon drum leaks?	Yes	®
Secondary carbon drum pressure.	0.0	PSI
Secondary carbon removed for disposal?	Yes	€ €00
Polishing drum rotated to secondary?	Yes	180
New carbon placed in secondary drum?	Yes	(No)
Polishing carbon drum integrity.	CHROTA	Poor
Polishing carbon drum leaks?	Yes	1
Polishing carbon drum pressure.	111	PSI
Polishing carbon removed for disposal?	"Yes	Ø€
New carbon placed in primary drum?	Yes	₩
Discharge Piping		
Pipe integrity in shed	- Grittel	Poor
Pipe integrity at catch basin	Cood	Poor
Pipe at catch basin clear?	1	No
Pipe integrity at creek.	(Cook	Poor
Pipe at creek clear?	\(\frac{\tau}{\tau}\)	No
		L

Miscellaneous		
Building and Sac Remediation shed integrity. Shed ventilation acceptable? Repairs work needed?	(iii) (Yii) Yes	Poor No No
Spill evidence?	Yes	(NO)
Flectrical and Heating		
Electric controls operational	(Ye)	No
Heater operational	(Yes)	No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	<u>C</u> 669	Poor
Repairs needed to vaults?	Yes	№ 6
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	3001.4	Hours
Oil level checked?	ODE /	No
Oil level changed?	Yes	(ND)
Compressor trap operating?	(Yes)	No
Regulator operating?	(Kes)	No
Air lines performing properly?	Yes	No

Sampling			
Primary carbon influent sampled?		(Yes)	No
Primary carbon effluent sampled?		Yes	eNo
Secondary carbon effluent sampled?		Yes	No
Compliance event?		(Yes)	No
Time sampled.	650	O ALA	a.m./p.m.
Product sampled?		Yes	(No

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	6.0 0.05 45	Gallons Gallons Gallons
Recovery from Oil-Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum	Ø.0 Ø. ð	Gallons Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums		Drums
PPE/Solids drums		Drums
LNAPL doors		Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

- See main disposal list

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	20.0	PSI
DNAPL pump pressure (departure)	20.0	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	1	Алтоw
Refill control setting (departure)	V	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	(%)
Decant valve integrity.	(God)	Poor
DNAPI, Pump and Piping		
DNAPL piping integrity.	666	Poor
DNAPL pump cleaned?	Yes	(B)
DNAPL top of pump depth.		Feet

LNAPL/Groundwater System	t.	
Operational upon arrival?	(Yes)	No
LNAPL pump pressure (arrival)	30.0	. PSI
LNAPL pump pressure (departure)	36.0	PSI
Bubbler tube operating pressure.	7.0	PSI
Pneumatic settings adjusted?	Yes	No
Discharge control setting (departure)	4	Arrow
Refill control setting (departure)	4	Arrow
LNAPL Pump and Piping		1 22
LNAPL piping integrity.	(Good)	Poor
LNAPL pump cleaned?	Yes	(N)
LNAPL top of pump depth.	NA	Feet
Oil/Water Separator		
Water high level shut-off operational?	(YES)	No
White warning light operational?	(Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	(NO)
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	Good	Poor
LNAPL in separator?	Yes	(TO)
Separator needs cleaning?	Yes	₹
Separator cleaned?	Yes	(B)

Technician:	DH	
Date:	9-4-05	

LNAPL/Groundwater System - (Continued)	
Transfer Pump and Piping		
Pump operational?	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	No
Pump integrity.	(669)	Poor
Flow meter operational?	Yes	No
Transfer pump flow rate.	8.73	GPM
Totalizer reading (cumulative volume).	323862	Gallons
Water filters changed?	Ýes	€ Company
Filter unit pressure (arrival/departure)	11.011.0	PSI
Carhon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	B
Primary carbon drum pressure.	2.0	PSI
Primary carbon removed for disposal?	Yes	€
Secondary carbon drum rotated to primary?	Yes	Œ
New carbon placed in primary drum?	Yes	6
Secondary carbon drum integrity.	(G)660	Poor
Secondary carbon drum leaks?	Yes	160
Secondary carbon drum pressure.	1.0	PSI
Secondary carbon removed for disposal?	Yes	€GG
Polishing drum rotated to secondary?	Yes	AGO
New carbon placed in secondary drum?	Yes	6
Polishing carbon drum integrity.	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure.	ONA.	PSI
Polishing carbon removed for disposal?	Yes	No
New carbon placed in primary drum?	Yes	No
Discharge Piping		
Pipe integrity in shed.	666	Poor
Pipe integrity at catch basin.	Geed	Poor
Pipe at catch basin clear?	(Yes)	No
Pipe integrity at creek.	(Ga)	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Yes Yes	Poor No No
Electrical and Heating Electric controls operational Heater operational	769 (769	No No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	(600)	Poor
Repairs needed to vaults?	Yes	<u>₹</u>
Air Compressor	,	
Compressor operational?	(YES)	No
Compressor hours.	3005.7	Hours
Oil level checked?	(GE)	No
Oil level changed?	Yes	(1)
Compressor trap operating?	TED	No
Regulator operating?	(Yes)	No
Air lines performing properly?	(Yes)	No

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

Recovery and Disposal		
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	0.25	Gallons Gallons Gallons
Recovery from Oil/Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.	NA NA	Gallons Gallons
Product, Curhon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums Drums labeled? Drums palletized?	Yes Yes	Drums Drums Drums Drums No

See drum invertery sheet

DNAPL System		
Operational upon arrival?	(3)	No
DNAPL pump pressure (arrival)	22.0	PSI
DNAPL pump pressure (departure)	22.0	PSI
Pneumatic settings adjusted?	(3)	No
Discharge control setting (departure)	R	Arrow
Refill control setting (departure)	74	Arrow
DNAPL Drum		
High level shut off operational?	(ve)	No
Green warning light operational?	©	No
DNAPL drum container integrity.	&	Poor
Leaks present?	Yes	M
*Decant valve integrity.	Good	Poor
DNAPI. Pump and Piping		
DNAPL piping integrity.	(5000)	Poor
DNAPL pump cleaned?	Yes	180
DNAPL top of pump depth.	M	Feet

LNAPL/Groundwater System		
Operational upon arrival?	(Yes)	No
LNAPL pump pressure (arrival)	30.0	. PSI
LNAPL pump pressure (departure)	20.0	PSI
Bubbler tube operating pressure.	7.0	PSI
Pneumatic settings adjusted?	Yes	(79
Discharge control setting (departure)	A	Arrow
Refill control setting (departure)	¥	Апоw
LNAPL Pump and Piping		
LNAPL piping integrity.	ക്കൂ	Poor
LNAPL pump cleaned?	Yes	(7)
LNAPL top of pump depth.	NA	Feet
Oil/Water Separator		
Water high level shut-off operational?	Œ	No
White warning light operational?	(F)	No
Separator vessel integrity.	6	Poor
Leaks present?	Yes	(% 9
Separator cover and seal integrity.	650	Poor
Decant valve integrity.	6963	Poor
LNAPL in separator?	Yes	₹
Separator needs cleaning?	***	@
Separator cleaned?	Yes	₹ 6)

Technician:	DH	
Date:	9-30-05	

LNAPL/Groundwater System - (Continued)	· · · · · · · · · · · · · · · · · · ·	
Transfer Pump and Piping		
Pump operational?	©	No
Pump integrity.	€	Poor
Flow meter operational?	6	No
Transfer pump flow rate.	6.96	GPM
Totalizer reading (cumulative volume).	341980	Gallons
Water filters changed?	Yes	€
Filter unit pressure (arrival/departure)	15.915.0	PSI
Carhon Treatment Drums		
Primary carbon drum integrity.	(660 <u>)</u>	Poor
Primary carbon drum leaks?	Yes	(B)
Primary carbon drum pressure.	2.0	PSI
Primary carbon removed for disposal?	Yes	· Ø
Secondary carbon drum rotated to primary?	Yes	Ø
New carbon placed in primary drum?	Yes	160
Secondary carbon drum integrity.	£69€)	Poor
Secondary carbon drum leaks?	Yes	RO
Secondary carbon drum pressure.	1.0	PSI
Secondary carbon removed for disposal?	Yes	Œ
Polishing drum rotated to secondary?	Yes	Ø9
New carbon placed in secondary drum?	Yes	XO
Polishing carbon drum integrity.	(66)	Poor
Polishing carbon drum leaks?	Yes	(F)
Polishing carbon drum pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes	(160)
New carbon placed in primary drum?	Yes	(d
Discharge Piping		
Pipe integrity in shed.	6699	Poor
Pipe integrity at catch basin.	(600p	Poor
Pipe at catch basin clear?	(To	No
Pipe integrity at creek.	(Ga)	Poor
Pipe at creek clear?	(Tes)	No

Miscellaneous		
Remediation shed integrity. Shed ventilation acceptable?	(G)	Poor No
Repairs/work needed?	Yes	Ø₽.
Spill evidence?	Yes	100
Electrical and Heating		
Electric controls operational	1	No
Heater operational	YES	No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	(860g)	Poor
Repairs needed to vaults?	Yes	€
Air Compressor		
Compressor operational?	Tes	No
Compressor hours.	3014.3	Hours
Oil level checked?	E	No
Oil level changed?	Yes	Ø₽
Compressor trap operating?	©	No
Regulator operating?	(PES)	No
Air lines performing properly?	(Yes)	No

Sampling		
Primary carbon influent sampled?	(2)	No
Primary carbon effluent sampled?	Yes	6
Secondary carbon effluent sampled?	®	No
Compliance event?	(Pes)	No
Time sampled.	0900	a.m./p.m.
Product sampled?	Yes	®

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0.25	Gallons
DNAPL/water to disposal drum.	0.25	Gallons
DNAPL/water to oil/water separator.	60.0	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0.0	Gallons
DNAPL/water to disposal drum.	00	- Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums		Drums
PPE/Solids drums		Drums
LNAPL drums		Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No Y

Ste Site drum inventory Sheet

DNAPL System		
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	35.0	PSI
DNAPL pump pressure (departure)	35.0	PSI
Pneumatic settings adjusted?	(Tes)	No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)		Arrow
DNAPL Drum		N.
High level shut off operational?	(Ge	No
Green warning light operational?	ক্তে	No
DNAPL drum container integrity.	669	Poor.
Leaks present?	Yes	6
Decant valve integrity.	Good	Poor
DNAPI, Pump and Piping		
DNAPL piping integrity.	(669)	Poor
DNAPL pump cleaned?	Yes	€
DNAPL top of pump depth.	NA	Feet

Yes 20.0 20.0 7.0 Yes	No PSI PSI PSI Afrow
20.0 7.0 Yes	PSI PSI NG Arrow
7.0 Yes	PSI No Arrow
Yes	€6 Artow
	Arrow
*	
*	1
	Arrow
GGP Yes	Poor (No Feet
Yes Good Yes Good Yes Yes	% No Poor Poor Poor Poor
	Yes Yes

DH		
10-6-05		
	10-6-05 DH	10-8-02 DH

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	₹®	No
Pump integrity.	(Geogl)	Poor
Flow meter operational?	Ye	No
Transfer pump flow rate.	81/8	GPM -
Totalizer reading (cumulative volume).	351005	- Gallons
Water filters changed?	Yes	(N)
Filter unit pressure (arrival/departure)	12.0/12.0	PSI
Carhon Treatment Drums		
Primary carbon drum integrity.	(Good)	Poor
Primary carbon drum leaks?	Yes	₩
Primary carbon drum pressure.	2.0	PSI
Primary carbon removed for disposal?	Yes	Ø.
Secondary carbon drum rotated to primary?	Yes	20
New carbon placed in primary drum?	Yes	160
Secondary carbon drum integrity.	C692	Poor
Secondary carbon drum leaks?	Yes	GR ₀
Secondary carbon drum pressure.	(.0	PSI
Secondary carbon removed for disposal?	Yes	6 80
Polishing drum rotated to secondary?	Yes	6
New carbon placed in secondary drum?	Yes	₩
Polishing carbon drum integrity.	(Roger	Poor
Polishing carbon drum leaks?	Yes	€
Polishing carbon drum pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes	₽
New carbon placed in primary drum?	Yes	(G)
Discharge Piping		
Pipe integrity in shed.	GOOD	Poor
Pipe integrity at catch basin.	6	Poor
Pipe at catch basin clear?	AG	No
Pipe integrity at creek.	(Gio)	Poor
Pipe at creek clear?	(F)	No

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

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	(666d)	Poor
Repairs needed to vaults?	Yes	(RB)
Air Compressor		
Compressor operational?	(Yes)	No
Compressor hours.	3020.9	Hours
Oil level checked?	(Co)	No
Oil level changed?	Yes	₹
Compressor trap operating?	©	No
Regulator operating?	(No
Air lines performing properly?	(C)	No

Sampling		
Primary carbon influent sampled?	Yes	(8)
Primary carbon effluent sampled?	Yes	CZD
Secondary carbon effluent sampled?	Yes	(ND)
Compliance event?	Yes	No
Time sampled.	M	a.m./p.m.
Product sampled?	Yes	<u>(№)</u>

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0.2	Gallons
DNAPL/water to disposal drum.	0.3	Gallons
DNAPL/water to oil/water separator.	35	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0.0	Gallons
DNAPL/water to disposal drum.	0.0	Gallons
Product, Carbon, Waste Storage	1	
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums		Drums
PPE/Solids drums		Drums
LNAPL drums		Drums
Drums labeled?	Yes	No
Drums palletized?	Yes	No

Ger Main drum disposal list.

Table 4-1

DNAPL System	e terreger (g. 1911). Geografie	tan Triponto III ayan ili
Operational upon arrival?	Ø €s	No
DNAPL pump pressure (arrival)	2000	PSI
DNAPL pump pressure (departure)	20.0	PSI
Pneumatic settings adjusted?	Yes	(No
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	V	Arrow
DNAPL Drum		
High level shut off operational?	(ES)	No
Green warning light operational?	YES	No .
DNAPL drum container integrity.	€ Good	Poor
Leaks present?	Yes	(Ab)
Decant valve integrity.	(God	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	(G)	Poor
DNAPL pump cleaned?	Yes	AR
DNAPL top of pump depth.	NA	Feet

LNAPL/Groundwater System	4 (10.2)	on gradination English
Operational upon arrival?	Yes	No
LNAPL pump pressure (arrival)	<i>3</i> 0.0	PSI
LNAPL pump pressure (departure)	30-0	PSI
Bubbler tube operating pressure.	ブル	PSI
Pneumatic settings adjusted?	Yes	(M)
Discharge control setting (departure)	A	Arrow
Refill control setting (departure)	4	Arrow
LNAPL Pump and Piping LNAPL piping integrity. LNAPL pump cleaned? LNAPL top of pump depth.	Yes VA	Poor Feet
Oil/Water Separator Water high level shut-off operational? White warning light operational? Separator vessel integrity. Leaks present? Separator cover and seal integrity. Decant valve integrity. LNAPL in separator?	* (B) B) & (B) B) B	No No Poor Poor Poor
Separator needs cleaning?	Yes	₩.
Separator cleaned?	Yes	(No)

Technician:_	DH	
Date:	10/14/05	

LNAPL/Groundwater System - (Continued)	e de la companya de	15/25/17
Transfer Pump and Piping		
Pump operational?	Reg	No
Pump integrity.	(500g)	Poor
Flow meter operational?	T	No
Transfer pump flow rate.	7.48	GPM
Totalizer reading (cumulative volume).	354298	Gallons
Water filters changed?	Yes	(MG)
Filter unit pressure (arrival/departure)	14.4/4.0	PSI
Carbon Treatment Drums	: +	
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(No)
Primary carbon drum pressure.	2,5	PSI
Primary carbon removed for disposal?	Yes	(E)
Secondary carbon drum rotated to primary?	Yes	100
New carbon placed in primary drum?	Yes	6
Secondary carbon drum integrity.	(GG)	Poor
Secondary carbon drum leaks?	Yes	B
Secondary carbon drum pressure.	10	PSI
Secondary carbon removed for disposal?	Yes	@
Polishing drum rotated to secondary?	Yes	1
New carbon placed in secondary drum?	Yes	M
Polishing carbon drum integrity.	(66gg)	Poor
Polishing carbon drum leaks?	Yes	(No
Polishing carbon drum pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes	Ø₽
New carbon placed in primary drum?	Yes	Cok
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.		(G00)	Poor
Shed ventilation acceptable?		₹ Fee	No
Repairs/work needed?	4 1	Yes	(A)
Spill evidence?	4	Yes	1
Electrical and Heating			
Electric controls operational		(Y)	No
Heater operational		X es	No

Miscellaneous - (Continued)		
Access Vaults Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	6
Air Compressor Compressor operational?	(E)	No
Compressor hours.	3023.4	Hours
Oil level checked?	(Pes)	No
Oil level changed?	Yes	(No)
Compressor trap operating?	1	No
Regulator operating?	¥50	No
Air lines performing properly?	X (S)	No

Sampling		
Primary carbon influent sampled?	Yes	(A)
Primary carbon effluent sampled?	Yes	(N)
Secondary carbon effluent sampled?	Yes	M
Compliance event?	Yes	160
Time sampled.	NA	a.m./p.m.
Product sampled?	Yes	(No!)

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0.6	Gallons
DNAPL/water to disposal drum.	0.6	Gallons
DNAPL/water to oil/water separator.	60	Gallons
ig.		
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0.0	Gallons
DNAPL/water to disposal drum.	0.0	Gallons
·		
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums		Drums
PPE/Solids drums		Drums
LNAPL drums	-	Drums
Drums labeled?	Yes	No
Drums palletized?	₹E\$	No

Notes:

Please see main disposal list

DNAPL System	erry a series	ungs Audy — gada a Kalinda a
Operational upon arrival?	Yes	No
DNAPL pump pressure (arrival)	200	PSI
DNAPL pump pressure (departure)	20.0	PSI
Pneumatic settings adjusted?	Yes	№
Discharge control setting (departure)	小	Arrow
Refill control setting (departure)	U	Arrow
DNAPL Drum		
High level shut off operational?	Yes	No
Green warning light operational?	(Veg)	No
DNAPL drum container integrity.	(GG)	Poor
Leaks present?	Yes	100
Decant valve integrity.	Good	Poor
DNAPL Pump and Piping		
DNAPL piping integrity.	(God	Poor
DNAPL pump cleaned?	Yes	₩.
DNAPL top of pump depth.	NA	Feet

LNAPL/Groundwater System	The second second	er end et verezone et En en
Operational upon arrival?	(Yes	No
LNAPL pump pressure (arrival)	30.0	, PSI
LNAPL pump pressure (departure)	30 D	PSI
Bubbler tube operating pressure.	7.0	PSI
Pneumatic settings adjusted?	Yes	®
Discharge control setting (departure)	Ý	Arrow
Refill control setting (departure)	V	Апоw
LNAPL Pump and Piping LNAPL piping integrity. LNAPL pump cleaned? LNAPL top of pump depth.	God Yes	Poor No Feet
Oil/Water Separator		
Water high level shut-off operational?	(Yes)	No
White warning light operational?	(XED)	No
Separator vessel integrity.	(G694)	Poor
Leaks present?	Yes	(No)
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	669	Poor
LNAPL in separator?	Yes	(ASG)
Separator needs cleaning?	Yes	₹
Separator cleaned?	Yes	(No)

Technician:	<i></i> Ø∦	
	in latter	
Date:	10/2/195	

LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	(TES)	No .
Pump integrity.	(600a	Poor
Flow meter operational?	(Per	No
Transfer pump flow rate.	223	GPM
Totalizer reading (cumulative volume).	359826	Gallons
Water filters changed?	Yes ,	₫Ø
Filter unit pressure (arrival/departure)	14.0/14.	PSI
Carbon Treatment Drums		
Primary carbon drum integrity.	Good	Poor
Primary carbon drum leaks?	Yes	(ND)
Primary carbon drum pressure.	20	PSI
Primary carbon removed for disposal?	Yes	A
Secondary carbon drum rotated to primary?	Yes	M
New carbon placed in primary drum?	Yes	100
Secondary carbon drum integrity.	(G660)	Poor
Secondary carbon drum leaks?	S	(NO)
Secondary carbon drum pressure.	1.0	PSI
Secondary carbon removed for disposal?	Yes	340
Polishing drum rotated to secondary?	Yes	ATO.
New carbon placed in secondary drum?	Yes	(K)
Polishing carbon drum integrity.	4660	Poor
Polishing carbon drum leaks?	Yes	(32)
Polishing carbon drum pressure.	1111	PSI
Polishing carbon removed for disposal?	Yes	R2
New carbon placed in primary drum?	Yes	(6))
New caron placed in primary drain!	103	
Discharge Piping		
Pipe integrity in shed.	(G660)	Poor
Pipe integrity at catch basin.	600	Poor
Pipe at catch basin clear?	Xes	No
Pipe integrity at creek.	666	Poor
Pipe at creek clear?	Yes	No

Miscellaneous	The state of the s	
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes Yes	Poor No (149
Electrical and Heating Electric controls operational Heater operational	(Pa) (Ve)	No No

Miscellaneous - (Continued)			
Access Vaults			
Overall vault integrity.	G G G	Poor	
Repairs needed to vaults?	Yes	₹®	
Air Compressor			
Compressor operational?	(Yes	No	
Compressor hours.	3024.5	Hours	
Oil level checked?	₩.	No	
Oil level changed?	Yes	₫	
Compressor trap operating?	€	No	
Regulator operating?	Œ	No	
Air lines performing properly?	(Yes)	No	

Sampling		
Primary carbon influent sampled?	Yes	(Ng
Primary carbon effluent sampled?	Yes	(M)
Secondary carbon effluent sampled?	Yes	©
Compliance event?	Yes	(1)
Time sampled.	M	a.m./p.m.
Product sampled?	Yes	(P)

Recovery and Disposal		e Marine (1
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0.2	Gallons
DNAPL/water to disposal drum.	0.6	Gallons
DNAPL/water to oil/water separator.	50	Gallons
		1.
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	O.O	Gallons
DNAPL/water to disposal drum.	0.0	Gallons
Product, Carbon, Waste Storage		
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums		Drums
PPE/Solids drums		Drums
LNAPL drums		Drums
Drums labeled?	€es	No
Drums palletized?	Ŷes	No

please see main d'éposal

DNAPL System		
Operational upon arrival?	Yes	(No)
DNAPL pump pressure (arrival)	00	PSI
DNAPL pump pressure (departure)	20.0	PSI
Pneumatic settings adjusted?	Yes	(Fig
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	•	Arrow
DNAPL Drum	str.	
High level shut off operational?	(C)	No
Green warning light operational?		No
DNAPL drum container integrity.	6	Poor
Leaks present?	Yes	(150°)
Decant valve integrity.	Good	Poor
DNAPI, Pump and Piping		
DNAPL piping integrity.	Good	Poor
DNAPL pump cleaned?	Yes	1€
DNAPL top of pump depth.	NA	Feet

LNAPL/Groundwater System	•	
Operational upon arrival?	(49)	No
LNAPL pump pressure (arrival)	30.0	. PSI
LNAPL pump pressure (departure)	30.0	PSI
Bubbler tube operating pressure.	7.0	PSI
Pneumatic settings adjusted?	Yes	₫∂
Discharge control setting (departure)	*	Arrow
Refill control setting (departure)	*	Arrow
LNAPL Pump and Piping		
LNAPL piping integrity.	(500)	Poor
LNAPL pump cleaned?	Yes	@
LNAPL top of pump depth.	NA	Feet
Oil/Water Separator	• • •	
Water high level shut-off operational?	(es	No
White warning light operational?	Yes	No
Separator vessel integrity.	Good	Poor
Leaks present?	Yes	®
Separator cover and seal integrity.	Good	Poor
Decant valve integrity.	(GS)	Poor
LNAPL in separator?	Yes	(ND)
Separator needs cleaning?	Yes	1
Separator cleaned?	Yes	No

Technician:	D. H.	
Date:	10-78-05	

	· · · · · · · · · · · · · · · · · · ·	
LNAPL/Groundwater System - (Continued)		
Transfer Pump and Piping		
Pump operational?	(KE)	No
Pump integrity.	660	Poor
Flow meter operational?	(Yes)	No
Transfer pump flow rate.	7109	GPM
Totalizer reading (cumulative volume).	364740	Gallons
Water filters changed?	Yes	No
Filter unit pressure (arrival/departure)	15.0/15.0	PSI
Carhon Treatment Drums		
Primary carbon drum integrity.	(Gg)	Poor
Primary carbon drum leaks?	Yes	((3)
Primary carbon drum pressure.	2.0	PSI
Primary carbon removed for disposal?	Yes	(V)
Secondary carbon drum rotated to primary?	Yes	Æ6
New carbon placed in primary drum?	Yes	NE .
Secondary carbon drum integrity.	669	Poor
Secondary carbon drum leaks?	Yes	450
Secondary carbon drum pressure.	1.0	PSI
Secondary carbon removed for disposal?	Yes	€
Polishing drum rotated to secondary?	Yes	€6
New carbon placed in secondary drum?	Yes	10
Polishing carbon drum integrity.	(Gi)	Poor
Polishing carbon drum leaks?	Yes	©
Polishing carbon drum pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes	(V)
New carbon placed in primary drum?	Yes	(No
Discharge Piping		
Pipe integrity in shed.	(G00g)	Poor
Pipe integrity at catch basin.	(Good)	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek.	ক্রের	Poor
Pipe at creek clear?	Yes	No

Miscellaneous		15.7
Building and Site Remediation shed integrity. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good Yes Yes Yes	Poor No
Electrical and Heating Electric controls operational Heater operational	(Yes	No No

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Good	Poor
Repairs needed to vaults?	Yes	® l
Air Compressor		
Compressor operational?	Yes	No
Compressor hours.	3026.4	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		
Primary carbon influent sampled?	YES	No
Primary carbon effluent sampled?	Yes	(N)
Secondary carbon effluent sampled?	(Yes)	No
Compliance event?	(Yes)	No
Time sampled.	0990	a.m./p.m.
Product sampled?	Yes	16 0?

Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0.4	Gallons
DNAPL/water to disposal drum. 0.6		Gallons
DNAPL/water to oil/water separator.	56.0	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0,0	Gallons
DNAPL/water to disposal drum.	0.0	Gallons
Product Carbon, Waste Storage		-
DNAPL drums on-site (full and fractional)		Drums
Spent carbon drums	_ 0	Drums
PPE/Solids drums	- 1	Drums
LNAPL drums	-0	Drums
Drums labeled?	(Meg	No
Drums palletized?	Yes)	- (20 0

See inventory list for more drums onsite

DNAPL System	·	
Operational upon arrival? DNAPL pump pressure (arrival) DNAPL pump pressure (departure) Pneumatic settings adjusted? Discharge control setting (departure) Refill control setting (departure)	90.0 90.0 Yes	No PSI PSI (No Arrow Arrow
DNAPL Drum High level shut off operational? Green warning light operational? DNAPL drum container integrity. Leaks present? Decant valve integrity.	SE S	No No Poor (NO) Poor
DNAPI. Pump and Piping DNAPL piping integrity. DNAPL pump cleaned? DNAPL top of pump depth.	Yes A	Poor ® Feet

LNAPL/Groundwater System		
Operational upon arrival?	(Yes)	No
LNAPL pump pressure (arrival)	05.0	. PSI
LNAPL pump pressure (departure)	2500	PSI
Bubbler tube operating pressure.	7.0	PSI
Pneumatic settings adjusted?	Yes	160
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	Ý	Апом
LNAPL Pump and Piping		
LNAPL piping integrity.	(560)	Poor
LNAPL pump cleaned?	Yes	NO
LNAPL top of pump depth.	NA	Feet
Oil/Water Separator	•	
Water high level shut-off operational?	(P)	No
White warning light operational?	(%)	No
Separator vessel integrity.	663	Poor
Leaks present?	Yes	(1)
Separator cover and seal integrity.	@	Poor
Decant valve integrity.	(Gi)	Poor
LNAPL in separator?	Yes	Q Q
Separator needs cleaning?	Yes	Ø€?
Separator cleaned?	Yes	(195)

Technician:	Del.	
Date:	11-11-05	

LNAPL/Groundwater System - (Continued)			
Transfer Pump and Piping		1	
Pump operational?	(Yes)	No	
Pump integrity.	Good	Poor	
Flow meter operational?	(Yes)	No	
Transfer pump flow rate.	7.91	GPM	
Totalizer reading (cumulative volume).	37/51/	Gallons	
Water filters changed?	Yes	((0)	
Filter unit pressure (arrival/departure)	SIE	PSI	
<u></u>	100/10	7	
Carbon Treatment Drums	20		
Primary carbon drum integrity.	Good	Poor	
Primary carbon drum leaks?	Yes	ANO)	
Primary carbon drum pressure.	4.5-	PSI	
Primary carbon removed for disposal?	Yes	≥ +6)	
Secondary carbon drum rotated to primary?	Yes	X 9	
New carbon placed in primary drum?	Yes	No	
Secondary carbon drum integrity.	660	Poor	
Secondary carbon drum leaks?	Yes	6	
Secondary carbon drum pressure.	2	PSI	
Secondary carbon removed for disposal?	Yes	160	
Polishing drum rotated to secondary?	Yes	M o	
New carbon placed in secondary drum?	Yes	%	
	0-	_	
Polishing carbon drum integrity.	Good	Poor	
Polishing carbon drum leaks?	Yes	No	
Polishing carbon drum pressure.	WA.	PSI	
Polishing carbon removed for disposal?	Yes	700 X:2)	
New carbon placed in primary drum?	Yes	169	
District Biology			
Discharge Piping	<i>6</i>	D	
Pipe integrity in shed.	Good	Poor	
Pipe integrity at catch basin.	(C)	Poor No	
Pipe at catch basin clear?			
Pipe integrity at creek.	0000	Poor No	
Pipe at creek clear?	es	NO	

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

Miscellaneous - (Continued)		
Access Vaults		
Overall vault integrity.	Coop	Poor
Repairs needed to vaults?	Yes	Ø₽.
Air Compressor		
Compressor operational?	€€/	No
'Compressor hours.	3033.0	Hours
Oil level checked?	6	No
Oil level changed?	Yes	(No)
Compressor trap operating?	(Ye)	No
Regulator operating?	Teg	No
Air lines performing properly?	(Tes)	No

8		
Sampling		
Primar carb influent sample 1?	Yes	· 189
Printily carbon effluent sampled?	Yes	(2)
Secondary carbon effluent sampled?	Yes	₹
Compliance event?	Yes	(No
Time sampled	Nd.	a.m./p.m.
Product Sampled?	Yes	<u>(N)</u>

A Company of the Comp		
Recovery and Disposal		
Recovery from DNAPL Drum		
Pure DNAPL to disposal drum.	0.25	Gallons
DNAPL/water to disposal drum.	0.75	Gallons
DNAPL/water to oil/water separator.	45	Gallons
Recovery from Oil/Water Separator		
Pure DNAPL to disposal drum.	0.0	Gallons
DNAPL/water to disposal drum.	0.0	Gallons
Product, Carbon, Waste Storage		١.
DNAPL drums on-site (full and fractional)	2	Drums
Spent carbon drums	1	Drums
PPE/Solids drums	2	Drums
LNAPL drums	0	Drums
Drums labeled?	®	No -
Drums palletized?	(Yes)	No