## FORMER GASTOWN MGP SITE SITE NO. 915171

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

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



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## **FAX TRANSMITTAL MEMO**

To: Glenn MAY	From: RANDY KLOSKO
Company: NYSDEC	Date: 10 (30/00
Fax Number:	No. of Pages: (Including Cover)
Subject:	·
Comments:  (()	ARF Sheets

From SITE VISITS 9/5/00 To 10/30/00 Product RECOVERY STARTED UP ON 9/28/00. CALL ME IF YOU NEED MORE DATES DATA

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

DNAPL System		
Operational upon arrival?	Yes 🛭	No □
DNAPL pump pressure (arrival)	32	PSI
DNAPL pump pressure (departure)	32	PSI
Pneumatic settings adjusted?	Yes 🛘	No D
Discharge control setting (departure)	K	Arrow
Refill control setting (departure)	1/4	Arrow
DNAPL Drum		
High level shut off operational?	Yes 🗹	No 🗆
Green warning light operational?	Yes 🛭	No 🗆
DNAPL drum container condition.	Good 🗹	Poor 🗆
Leaks present?	Yes 🗆 🗸	No D
Decant valve integrity.	Good 🗹	Poor 🗆
DNAPL Pump and Piping		
DNAPL piping integrity.	ωGood Β	Poor 🗆 .
DNAPL pump cleaned?	Yes 🗆	No 🖫
DNAPL top of pump depth.		Feet

737437		
LNAPL/Groundwater System		
Operational upon arrival?	Yes 🗹	No □
LNAPL pump pressure (arrival)	50	PSI
LNAPL pump pressure (departure)	50	PSI
Bubbler tube operating pressure.	7	PSI
Pneumatic settings adjusted?	Yes □	No ₽
Discharge control setting (departure)	承	Arrow
Refill control setting (departure)	<del>- à-</del>	Arrow
J. 7,		Allow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good 19	Poor 🗆 🗸
LNAPL pump cleaned?	Yes □	No 19
LNAPL top of pump depth.	1.55	Feet
	<del></del>	100
Oil/Water Separator		
High level oil shut-off operational?	Yes 🗹	No □
High level water shut-off operational?	Yes 🖫	No 🗆
White warning light operational?	Yes 🗹	No II
Separator vessel condition.	Good E	Poor 🗆
Leaks present?	Yes 🗆	No Z
Separator cover and seal condition.	Good B	Poor 🛛 🗸
Decant valve integrity.	Good ₽	Poor
LNAPL in separator?	Yes □	No D
Separator needs cleaning?	Yes □	No 🗹
Separator cleaned?	Yes □	No 🗗
****** =	j l	
LNAPL Storage Drum	1 1	
LNAPL drum condition.	Good 🗗	Poor 🗆 🗸
LNAPL drum leaks?	Yes 🗆	No ₽
Drum high level shut-off operational?  Technician: Date:	Yes ☑ 、	No 🗆

TNADY		
LNAPL/Groundwater System - (Continued)		
Equalization Drum  Equalization drum condition.  Equalization drum leaks?  Drum high level shut-off operational?	Good 2 Yes D Yes B	Poor  No  No  No
Transfer Pump and Piping Pump operational? Pump condition. Flow meter operational? Transfer pump flow rate.	Yes 2 Good B Yes 2 3,67	No 🗆 Poor 🗆 No 🗅 GPM
Carbon Treatment Units Primary carbon unit condition. Primary carbon unit leaks? Primary carbon unit pressure. Primary carbon removed for disposal? Secondary carbon unit rotated to primary? New carbon placed in primary unit?	Good of Yes 0 Yes 0 Yes 0 Yes 0 Yes 0 Yes 0	Poor [] No [3' PSI No [3' No [3' No [3'
Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Secondary carbon removed for disposal? Polishing unit rotated to secondary? New carbon placed in secondary unit?	Good B' Yes D Yes D Yes D Yes D Yes D	Poor  No G  PSI  No G  No G  No G
Polishing carbon unit condition. Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon removed for disposal? New carbon placed in secondary unit?	Good @' Yes □ Yes □ Yes □ Yes □	Poor D No B' PSI No B' No B'
Discharge Piping Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good @' Good @' Yes @' Yes @' Yes @'	Poor  Poor  No  Poor  No  No  No  No  No  No

Miscellaneous		
Building and Site Remediation shed condition. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good V Yes D Yes D Yes D	Poor  No  No  No  No  O
Electrical/Heating Electric controls operational Heater operational	Yes 🛈 Yes 🗸	No □ No □

Miscellaneous - (Continued)		
Extraction Well Overall vault condition. Work needed on vault?	Good ① Yes □	Poor 🛭 No 🖪
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed?	Ye 0 /5 37.0 Ye 0 Ye 0	No 🗆 Hours No 🗆 No 🗗
Compressor trap operating? Regulator operating? Air lines performing properly?	Yes G Yes G Yes G	No 🗆 No 🗆 No 🗆

Sampling		
Pre-carbon water sampled?	Yes □	No D
Pre-carbon sample ports clear?	Yes @	No 🗆
Mid-carbon water sampled?	Yes 🛘	No D
Mid-carbon sample ports clear?	Yes G	No 🗆
Post carbon water sampled?	Yes □	No 🗗
Post carbon sample ports clear?	Yes 🖭	No □
Time sampled?	(U)	a.m./p.m.
Compliance event?	Yes □	No E
Product sampled?	Yes 🗆	No C

Recovery and Disposal		
Totalizer reading.	609701	Gallons
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	0	Gallons Gallons Gallons
Recovery from Oil/Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.	0	Gallons Gallons
Recovery from LNAPL Drum Pure LNAPL to disposal drum. LNAPL/water to disposal drum. LNAPL/water to oil/water separator.	() () () ()	Gallons Gallons Gallons
Product, Carbon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums Drums labeled	2 2 0 0 O Yes &	Drums Drums Drums Drums No

NOTES:

DNAPL System		
Operational upon arrival?  DNAPL pump pressure (arrival)  DNAPL pump pressure (departure)  Pneumatic settings adjusted?  Discharge control setting (departure)  Refill control setting (departure)	33 55 33 55 Yes 0	No  PSI PSI No  Arrow Arrow
DNAPL Drum High level shut off operational? Green warning light operational? DNAPL drum container condition. Leaks present? Decant valve integrity.	Yes D Yes D Good D Yes D Good D	No   No   Poor   Poor
DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned? DNAPL top of pump depth.	Grood & Yes □	Poor  No D Feet

LNAPL/Groundwater System  Operational upon arrival?  LNAPL pump pressure (arrival)  LNAPL pump pressure (departure)  Bubbler tube operating pressure.  Presumatic settings adjusted?  Discharge control setting (departure)  Refill control setting (departure)  LNAPL Pump and Piping  LNAPL piping integrity.  Good B Poor	v v
LNAPL pump pressure (arrival)  LNAPL pump pressure (departure)  Bubbler tube operating pressure.  Pressure (departure)  Bubbler tube operating pressure.  Pressure.  7 PSI  No E  Arrov  Refill control setting (departure)  LNAPL Pump and Piping	* *
LNAPL pump pressure (departure)  Bubbler tube operating pressure.  Arrov.  LNAPL Pump and Piping	v v
Bubbler tube operating pressure.  Preumatic settings adjusted?  Discharge control setting (departure)  Refill control setting (departure)  Arrov  LNAPL Pump and Piping	v v
Pneumatic settings adjusted?  Discharge control setting (departure)  Refill control setting (departure)  No E  Arroy  LNAPL Pump and Piping	v v
Discharge control setting (departure)  Refill control setting (departure)  Arrov  LNAPL Pump and Piping	v v
Refill control setting (departure)  Arrov  LNAPL Pump and Piping  LNAPL circuits in the setting of the setting	V
LNAPL Pump and Piping	
I NADI mining into the	ב ב
I NADI mining into the	<u>.</u> כ
	J
LNAPL pump cleaned? Yes D No E	
LNAPL top of pump depth.	
OlVWater Separator	
High level oil shut-off operational?	
High level water shut-off operational?  Yes V	ı
White warning light operational?  Yes  No	
Separator vessel condition. Good D Poor I	ַ נ
Leaks present? Yes \( \text{No G} \)	
Separator cover and seal condition.  Good Poor Decant valve integrity.	
I NADY in comments of	1
Companyamenta alami o	
Companded allowed to	_
Yes D No B	
LNAPL Storage Drum	
LNAPL drum condition. Good F Poor F	, [
LNAPL drum leaks?	- / 1
Drum high level shut-off operational? Yes 🗸 No 🗆	ŀ
Technician: KK Date: 9/28/00	

LNAPL/Groundwater System - (Continued)		
Equalization Drum Equalization drum condition. Equalization drum leaks? Drum high level shut-off operational?	Good () Yes () Yes ()	Poor 🗆 No 🖭 No 🗆
Transfer Pump and Piping Pump operational? Pump condition. Flow meter operational? Transfer pump flow rate.	Yes @ Good @ Yes @ 3.67	No 🗆 Poor 🗅 No 🗆 GPM
Carbon Treatment Units Primary carbon unit condition. Primary carbon unit leaks? Primary carbon unit pressure. Primary carbon removed for disposal? Secondary carbon unit rotated to primary? New carbon placed in primary unit?	Good EY Yes D 2.0 Yes D Yes D Yes D	Poor  No B PSI No B No B No B
Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Secondary carbon removed for disposal? Polishing unit rotated to secondary? New carbon placed in secondary unit?	Good BY Yes CO	Poor D No D PSI No D No D
Polishing carbon unit condition. Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon removed for disposal? New carbon placed in secondary unit?	Good & Yes D Yes D Yes D Yes D	Poor D No D PSI No D No D
Discharge Piping Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good & Good & Yes	Poor  Poor  No  Poor  No  No  No

Miscellaneous		· · · · · · · · · · · · · · · · · · ·
Bullding and Site Remediation shed condition. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good D Yes D Yes D Yes D	Poor   No   No   No   No   O
ElectricaVHeating Electric controls operational Heater operational	Yes 🖸 Yes 🕡	No □ No □

Miscellaneous - (Continued)		
Extraction Well Overall vault condition. Work needed on vault?	Good (2 Yes 🗆	Poor [] No []
Air Compressor Compressor operational? Compressor hours. Oil level checked?	Yes G 1566.9 Yes 8	No 🗆 Hours No 🗆
Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	Yes C Yes C Yes C	No 🗗 No 🗆 No 🗆

Sampling		
Pre-carbon water sampled?	Yes Ø	No □
Pre-carbon sample ports clear?	Yes 🛭	No 🗆
Mid-carbon water sampled?	Yes 🖰	No 🗆
Mid-carbon sample ports clear?	Yes 🖰	No 🗆
Post carbon water sampled?	Yes ₽	No 🗆
Post carbon sample ports clear?	Yes 🖫	No 🗆
Time sampled?	1215	a.m./p.m.
Compliance event?	Yes G	No D
Product sampled?	Yes 🗆	No D

Recovery and Disposal		
Totalizer reading.	626102	Gallons
Recovery from DNAPL Drum	ľ l	
Pure DNAPL to disposal drum.	10	Gallons
DNAPL/water to disposal drum.	0	Gallons
DNAPL/water to oil/water separator.	0	Gallons
Recovery from Oil/Water Separator	1	
Pure DNAPL to disposal drum.	7	Gallons
DNAPL/water to disposal drum.	2	Gallons
Recovery from LNAPL Drum		
Pure LNAPL to disposal drum.	0	Gailons
LNAPL/water to disposal drum	6	Gallons
LNAPL/water to oil/water separator.	ō	Gallons
Product, Carbon, Waste Storage	ļ ļ	
DNAPL drums on-site (full and fractional)	<del>                                     </del>	Drums
Spent carbon drums		Drums
PPE/Solids drums	0	Drums
LNAPL drums	1 0 1	Drums
Drums labeled	Yes D	No 🗆

NOTES: 3 EMPTYS ONSITE

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DNAPL System		/
Operational upon arrival?	Yes D	No □
DNAPL pump pressure (arrival)	32	PSI
DNAPL pump pressure (departure)	32	PSI
Pneumatic settings adjusted?	Yes D	No □
Discharge control setting (departure)	K	Arrow
Refill control setting (departure)	K	Arrow
DNAPL Drum		
High level shut off operational?	Yes D	№ П
Green warning light operational?	Yes B	No □
DNAPL drum container condition.	Good 🛭	Poor 🗆 🗸
Leaks present?	Yes 🗆	No □
Decant valve integrity.	Good 🗹	Poor 🗆
DNAPL Pump and Piping		
DNAPL piping integrity.	2300d ₽	Poor 🗆 🗸
DNAPL pump cleaned?	Yes D	No f
DNAPL top of pump depth.		Feet

LNAPL/Groundwater System		,
Operational upon arrival?	Yes B	No □
LNAPL pump pressure (arrival)	52	PSI
LNAPL pump pressure (departure)	52	PSI
Bubbler tube operating pressure.	5	PSI
Pneumatic settings adjusted?	Yes 0	No D
Discharge control setting (departure)	<del></del>	Arrow
Refill control setting (departure)		Arrow
B(	<del></del>	. Allow
LNAPL Pump and Piping		
LNAPL piping integrity.	Good P	Poor 🛛 .
LNAPL pump cleaned?	Yes 🗆	No R
LNAPL top of pump depth.		Feet
		reet
Oil/Water Separator		
High level oil shut-off operational?	Yes Q	No□
High level water shut-off operational?	Yes E	No 🗆
White warning light operational?	Yes D	No 🗆
Separator vessel condition.	Good D	Poor 🗆
Leaks present?	Yes 🗆	No E
Separator cover and seal condition.	Good II	Poor 🗆
Decant valve integrity.	Good 🗹	Poor 🗆 🗸
LNAPL in separator?	Yes 🗆	No D
Separator needs cleaning?	Yes 🛘	No 🗹
Separator cleaned?	Yes □	No E
LNAPL Storage Drum	}	
LNAPL drum condition.	Good &	Poor 🗆
LNAPL drum leaks?	Yes 🛛	No ₽
Drum high level shut-off operational?	Yes 🖫	No □
Technician: KW Date:	10/2/	n
Date	75.7010	<u></u>

INAPI/Croundwater Sustan (Continue)		
LNAPL/Groundwater System - (Continued)		
Equalization Drum Equalization drum condition. Equalization drum leaks? Drum high level shut-off operational?	Good B Yes D Yes D	Poor  No  No  No
Transfer Pump and Piping Pump operational? Pump condition. Flow meter operational? Transfer pump flow rate.	Yes G Good B Yes B 3-80	No 🗆 Poor 🗆 No 🗅 GPM
Carbon Treatment Units Primary carbon unit condition. Primary carbon unit leaks? Primary carbon unit pressure. Primary carbon removed for disposal? Secondary carbon unit rotated to primary? New carbon placed in primary unit?	Good B Yes D Yes D Yes D Yes D	Poor O No B PSI No B No C
Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Secondary carbon removed for disposal? Polishing unit rotated to secondary? New carbon placed in secondary unit?	Good 2/ Yes 0 /2 Yes 0 Yes 0 Yes 0	Poor  No & PSI No G No G No G
Polishing carbon unit condition. Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon removed for disposal? New carbon placed in secondary unit?	Good GYYes DYes DYes D	Poor D No.27 PSI No D No C
Discharge Piping Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good & Good & Good & Good & G	Poor  Poor  No  Poor  No  No  No  No  No  No  No  Poor

Miscellaneous		
Building and Site Remediation shed condition. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good D Yes 2 Yes D Yes D	Poor  No  No  No  No  No  O
Electrical/Heating Electric controls operational Heater operational	Yes 🗹 Yes 🗸	No 🗆 No 🗅

Miscellaneous - (Continued)		
Extraction Well Overall vault condition. Work needed on vault?	Good 🗹 Yes 🛭	Poor 🗆 No 🕪
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	Yes D /5/2.) Yes D Yes D Yes D Yes B Yes B	No [] Hours No []

Sampling		
Pre-carbon water sampled?	Yes □.	Nove
Pre-carbon sample ports clear?	Yes D	No 🗆
Mid-carbon water sampled?	Yes 🛘	No D
Mid-carbon sample ports clear?	Yes 🗓	No □
Post carbon water sampled?	Yes 🗆	No 🖳
Post carbon sample ports clear?	Yes D	No 🗆
Time sampled?	MA	a.m./p.m.
Compliance event?	Yes 🗆	No E
Product sampled?	Yes □	No D

Recovery and Disposal		
Totalizer reading.	629206	Gallons
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	20 0 0	Gallons Gallons Gallons
Recovery from Oit/Water Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.	0 2	Gallons Gallons
Recovery from LNAPL Drum Pure LNAPL to disposal drum. LNAPL/water to disposal drum. LNAPL/water to oil/water separator.	3 0 0	Gallons Gallons Gallons
Product, Carbon, Waste Storage  DNAPL drums on-site (full and fractional)  Spent carbon drums  PPE/Solids drums  LNAPL drums  Drums labeled	0 0 0 0 Yes W	Drums Drums Drums Drums No []

NOTES:

DNAPL System		
Operational upon arrival?	Yes 🗹	No 🗆
DNAPL pump pressure (arrival)	32	PSI
DNAPL pump pressure (departure)	32	PSI
Pneumatic settings adjusted?	Yes 🛭	No 🗗
Discharge control setting (departure)	~	Arrow
Refill control setting (departure)	1	Arrow
DNAPL Drum High level shut off operational? Green warning light operational? DNAPL drum container condition. Leaks present? Decant valve integrity.	Yes D' Yes D' Good E' Yes D Good D'	No 🗆 No 🗆 Poor 🗈 No 🗗 Poor 🗆
DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned? DNAPL top of pump depth.	Good &	Poor  No D

	····	
LNAPL/Groundwater System		
Operational upon arrival?	Yes 🗓	No □
LNAPL pump pressure (arrival)	52	PSI
LNAPL pump pressure (departure)	52	PSI
Bubbler tube operating pressure.	7	PSI
Pneumatic settings adjusted?	Yes 🛛	No D
Discharge control setting (departure)	1	Arrow
Refill control setting (departure)	7	Arrow
	<del></del>	.2.0"
LNAPL Pump and Piping		
LNAPL piping integrity.	Good Ø	Poor 🗅
LNAPL pump cleaned?	Yes □	No R
LNAPL top of pump depth.		Feet
Oil/Water Separator	ا ا	
High level oil shut-off operational?	Yes D	NoΠ
High level water shut-off operational?	Yes 🖫	No □
White warning light operational?	Yes 🗗	No □
Separator vessel condition.	Good &	Poor 🗆
Leaks present?	Yes 🛛	No 🗸
Separator cover and seal condition.	Good ₽	Poor 🗆
Decant valve integrity.	Good D	Poor 🗆
LNAPL in separator?	Yes 🛭	No 🖸
Separator needs cleaning?	Yes □	No G
Separator cleaned?	Yes□	No 🖫
INVADI Co. D	j	
LNAPL Storage Drum LNAPL drum condition.	ار ا	
LNAPL drum condition.  LNAPL drum leaks?	Good 🛭	Poor 🛘
Drum high level shut-off operational?	Yes 🗆	No D
	Yes 🗹	No 🗆
Technician: KV Date:	10113	100

LNAPL/Groundwater System - (C	ontinuo di	
ZEVAL D Gloundwater System - (C	ontinuea)	
Equalization Drum	ł	•
Equalization drum condition.	Good 🖫	7
Equalization drum leaks?	Yes □	Poor 🗆
Drum high level shut-off operational?	Yes D	No 🖸
- Standings fover and on operational?	ISU	No □
Transfer Pump and Piping		
Pump operational?	Yes 🗗	No □
Pump condition.	Good F	Poor 🗆
Flow meter operational?	Yes B	No 🗆
Transfer pump flow rate.	3,8	GPM
	2,51	OIM
Carbon Treatment Units		
Primary carbon unit condition.	Good B	Poor 🗆
Primary carbon unit leaks?	Yes 🛘	No D
Primary carbon unit pressure.	7	PSI
Primary carbon removed for disposal?	Yes 🛛	No D
Secondary carbon unit rotated to primary?	Yes □	No 🗗
New carbon placed in primary unit?	Yes 🛘	No 🗆
Secondary carbon unit condition.	Good ₽∕	Poor 🗆
Secondary carbon unit leaks?	Yes 🛮	No O
Secondary carbon unit pressure.	0	PSI
Secondary carbon removed for disposal?	Yes 🛘	No 🖭
Polishing unit rotated to secondary?	.Yes 🗆	No G
New carbon placed in secondary unit?	Yes 🕽	No 🖳
Polishing and an unit and the		_
Polishing carbon unit condition. Polishing carbon unit leaks?	Good D	Poor 🗆
	Yes □	No D
Polishing carbon unit pressure.	NA	PSI
Polishing carbon removed for disposal?	Yes 🗆	No G
New carbon placed in secondary unit?	Yes 🛚	No D
Discharge Piping		
Pipe integrity in shed.	لرويس	7
Pipe integrity at catch basin.	Good D	Poor 🗆
Pipe at catch basin clear?	Yes D	Poor □ No □
Pipe integrity at creek.	Good B	
Pipe at creek clear?	Yes 🖪	Poor □ No □
	168 🖰	140 🗅

Miscellaneous		
Building and Site Remediation shed condition. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good (T Yes (I) Yes (I) Yes (I)	Poor  No  No C No C
Electrical/Heating Electric controls operational Heater operational	Yes E/ Yes Q/	No □ No □

Miscellaneous - (Continued)		
Extraction Well Overall vault condition. Work needed on vault?	Good 🗗 Yes 🗆	Poor 🗆 No 🗷
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	Yes @ /583.7 Yes @ Yes O Yes O Yes O Yes O Yes O Yes O	No D Hours No D No D No D No D

Sampling		
Pre-carbon water sampled?	Yes 🛘	No E
Pre-carbon sample ports clear?	Yes B	No □
Mid-carbon water sampled?	Yes 🛘	No 🖰
Mid-carbon sample ports clear?	Yes G	No □
Post carbon water sampled?	Yes 🗆	No 🗗
Post carbon sample ports clear?	Yes G	No 🗆
Time sampled?	NA	a.m./p.m.
Compliance event?	Yes 🛘	No B
Product sampled?	Yes □	No B-

Recovery and Disposal		
Totalizer reading.	636971	Galions
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	43 0	Gallons Gallons Gallons
Recovery from OilWater Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.	0	Gallons Gallons
Recovery from LNAPL Drum Pure LNAPL to disposal drum. LNAPL/water to disposal drum. LNAPL/water to oil/water separator.	000	Gallons Gallons Gallons
Product, Carbon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums Drums labeled	2 0 0 Yes 0	Drums Drums Drums Drums No

MET Glinn MAY - DEC - UE GEOLOGY Prof. ONSITE - INSTALLED 2 CMPTY Orins ONSITE LONCRED WAVET FOR CASTOWN CLUB Sump from ps

Operational upon arrival?  DNAPL pump pressure (arrival)  DNAPL pump pressure (departure)  Preumatic settings adjusted?  Discharge control setting (departure)  Refill control setting (departure)  Preumatic settings adjusted?  Discharge control setting (departure)  Arrow  DNAPL Drum  High level shut off operational?  Green warning light operational?  DNAPL drum container condition.  Leaks present?  Decant valve integrity.  DNAPL Pump and Piping  DNAPL piping integrity.  DNAPL pump cleaned?  Poor □  Yes □  No □  Good □  Poor □  Yes □  No □  Poor □  Yes □  No □  Poor □  Yes □  No □  No □  Poor □  Yes □  No □	DNAPL System		/
DNAPL pump pressure (arrival)  DNAPL pump pressure (departure)  Preumatic settings adjusted?  Discharge control setting (departure)  Refill control setting (departure)  DNAPL Drum  High level shut off operational?  Oreen warning light operational?  DNAPL drum container condition.  Leaks present?  Decant valve integrity.  DNAPL pump and Piping  DNAPL piping integrity.  DNAPL pump cleaned?  PSI  PSI  PSI  PSI  PSI  PSI  PSI  PS	Operational upon arrival?	Yes D	No □
DNAPL pump pressure (departure) Pneumatic settings adjusted? Discharge control setting (departure) Refill control setting (departure)  DNAPL Drum High level shut off operational? Oreen warning light operational? DNAPL drum container condition. Leaks present? Decant valve integrity.  DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned?  Sood Foor D No	DNAPL pump pressure (arrival)	32	- ;
Pneumatic settings adjusted?  Discharge control setting (departure)  Refill control setting (departure)  Arrow  DNAPL Drum  High level shut off operational?  Oreen warning light operational?  DNAPL drum container condition.  Leaks present?  Decant valve integrity.  DNAPL Pump and Piping  DNAPL piping integrity.  DNAPL pump cleaned?  Yes  No  No  Poor  No  Poor  Poor  No  Poor  Poor  No  Poor		37.	4 I
Discharge control setting (departure)  Refill control setting (departure)  Arrow    DNAPL Drum	Pneumatic settings adjusted?		
Refill control setting (departure)    DNAPL Drum	Discharge control setting (departure)	18	l L
DNAPL Drum High level shut off operational? Oreen warning light operational? DNAPL drum container condition. Leaks present? Decant valve integrity.  DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned?  Yes D No D Poor D Yes D No D Poor D No	Refill control setting (departure)	1/2	
High level shut off operational?  Green warning light operational?  DNAPL drum container condition.  Leaks present?  Decant valve integrity.  DNAPL Pump and Piping  DNAPL piping integrity.  DNAPL pump cleaned?  Yes D  No D  Poor D  No D  Poor D  Poor D  Poor D  No D  Poor D			MIOW
High level shut off operational?  Green warning light operational?  DNAPL drum container condition.  Leaks present?  Decant valve integrity.  DNAPL Pump and Piping  DNAPL piping integrity.  DNAPL pump cleaned?  Yes D  No D  Poor D  No D  Poor D  Poor D  Poor D  No D  Poor D	DNAPL Drum	•	
Green warning light operational?  DNAPL drum container condition.  Leaks present?  Decant valve integrity.  DNAPL Pump and Piping  DNAPL piping integrity.  DNAPL pump cleaned?  Yes D  Rood D  Poor D  Poor D  Poor D  No D		V-0 02	No. 77
DNAPL drum container condition.  Leaks present?  Decant valve integrity.  DNAPL Pump and Piping  DNAPL piping integrity.  DNAPL pump cleaned?  Cood  Poor  Poor  Poor  Poor  No  Poor  Poor  No  Poor	Green warning light operational?		
Leaks present?   Yes   No   Poor	DNAPL drum container condition		
Decant valve integrity.  DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned?  Good  Poor  Poor  No  Poor  No  Poor  No  Poor  No  Poor  No  Poor  No  Poor  Poor			
DNAPL Pump and Piping DNAPL piping integrity. DNAPL pump cleaned?  Yes D		/	
DNAPL piping integrity.  DNAPL pump cleaned?  Cood © Poor D  No ©	· =	0000	roor u
DNAPL piping integrity.  DNAPL pump cleaned?  Cood © Poor D  No ©	DNAPL Pump and Pipine		
DNAPL pump cleaned?	DNAPL piping integrity.	and 19	Boom [7]
	DNAPL pump cleaned?	1 20,000	/ 1
DNAPL top of pump depth.	DNAPL top of pump depth.	169.0	

LNAPL/Groundwater System		
Operational upon arrival?	Yes 🗆	No □
LNAPL pump pressure (arrival)	52	PSI
LNAPL pump pressure (departure)	52	PSI
Bubbler tube operating pressure.	7	PSI
Pneumatic settings adjusted?	Yes 🗆	No 🛭
Discharge control setting (departure)	- TO -	Arrow
Refill control setting (departure)	<del>- ^</del>	Arrow
B (mobilization)	<del>/</del>	Alrow
LNAPL Pump and Piping		-
LNAPL piping integrity.	Good D	Poor 🗆 🗸
LNAPL pump cleaned?	Yes 🗆	No E
LNAPL top of pump depth.	168 🗆	
top or panip deput		Feet
OiVWater Separator		ŀ
High level oil shut-off operational?	Yes Z	
High level water shut-off operational?	Yes D	No 🗆
White warning light operational?	Yes D	No 🗆
Separator vessel condition.	Good D	No 🗆
Leaks present?	Yes □	Poor 🗆 No 🗷
Separator cover and seal condition.	Good 2	Poor 🗆
Decant valve integrity.	Good G	Poor 🗆
LNAPL in separator?	Yes 🗆	No D
Separator needs cleaning?	Yes 🗆	No 🛭
Separator cleaned?	Yes 🗆	No E
· ·	1000	140 0
LNAPL Storage Drum		
LNAPL drum condition.	Good II	Poor 🗆
LNAPL drum leaks?	Yes 🛛 🗸	No Ø
Drum high level shut-off operational?	Yes 🗗	No 🗆
	1-1.0	
Technician: KL Date:	10/12/-	<del>- 18112</del> 10

Equalization Drum Equalization drum condition. Equalization drum leaks? Drum high level shut-off operational?  Transfer Pump and Piping Pump operational? Pump condition. Flow meter operational? Transfer pump flow rate.  Carbon Treatment Units Primary carbon unit condition. Primary carbon unit leaks? Primary carbon unit pressure. Primary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit pressure. Secondary carbon unit condition. Secondary carbon unit pressure. Secondary carbon unit condition. Secondary carbon unit condition. Secondary carbon unit condition. Secondary carbon unit condition. Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit pressure. Polishing carbon unit p	LNAPL/Groundwater System - (Continued)		
Equalization drum condition.  Equalization drum leaks?  Drum high level shut-off operational?  Transfer Pump and Piping Pump operational?  Pump condition.  Flow meter operational?  Transfer pump flow rate.  Carbon Treatment Units Primary carbon unit condition.  Primary carbon unit pressure.  Primary carbon unit rotated to primary?  New carbon placed in primary unit?  Secondary carbon unit condition.  Secondary carbon unit leaks?  Secondary carbon unit rotated to primary?  No B  Secondary carbon unit condition.  Secondary carbon unit pressure.  Secondary carbon unit pressure.  Secondary carbon unit pressure.  Secondary carbon unit pressure.  Secondary carbon unit condition.  Secondary carbon unit pressure.  Secondary carbon unit condition.  Polishing unit rotated to secondary?  No B  Poor D  No B  Poor D		T -	
Equalization drum leaks?  Drum high level shut-off operational?  Transfer Pump and Piping Pump operational?  Pump condition. Flow meter operational?  Transfer pump flow rate.  Carbon Treatment Units Primary carbon unit condition. Primary carbon unit pressure. Primary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit pressure. Secondary carbon unit leaks? Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit condition. Polishing carbon unit pressure. Polishing carbon unit pre			ŀ
Drum high level shut-off operational?  Transfer Pump and Piping Pump operational? Pump condition. Flow meter operational? Transfer pump flow rate.  Carbon Treatment Units Primary carbon unit condition. Primary carbon unit pressure. Primary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit condition. Secondary carbon unit pressure. Secondary carbon unit condition. Secondary carbon unit pressure. Secondary carbon unit condition. Secondary carbon unit pressure. Secondary carbon unit condition. Polishing unit rotated to secondary unit?  Polishing carbon unit condition. Polishing carbon unit pressure. Polishing carbon unit pre		Good (Y	Poor 🗆
Transfer Pump and Piping Pump operational? Pump condition. Flow meter operational? Transfer pump flow rate.  Carbon Treatment Units Primary carbon unit condition. Primary carbon unit pressure. Primary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Secondary carbon unit condition. Polishing carbon unit condition. Polishing carbon unit pressure. Polishing carb		Yes 🛛	No D
Pump operational? Pump condition. Flow meter operational? Transfer pump flow rate.  Carbon Treatment Units Primary carbon unit condition. Primary carbon unit pressure. Primary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit condition. Polishing carbon unit pressure.	Drum high level shut-off operational?	Yes 🖫	No □
Pump condition.  Flow meter operational?  Transfer pump flow rate.  Carbon Treatment Units Primary carbon unit condition. Primary carbon unit pressure. Primary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit pressure. Polishing carbon unit condition. Polishing carbon unit condition. Polishing carbon unit pressure.	Transfer Pump and Piping		
Flow meter operational?  Transfer pump flow rate.  Carbon Treatment Units Primary carbon unit condition. Primary carbon unit pressure. Primary carbon unit pressure. Primary carbon removed for disposal? No B Secondary carbon unit condition. Secondary carbon unit tondition. Secondary carbon unit pressure. Secondary carbon unit condition. Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit condition. Polishing carbon unit pressure.		Yes 🗹	No □
Flow meter operational?  Transfer pump flow rate.  Carbon Treatment Units Primary carbon unit condition. Primary carbon unit pressure. Primary carbon unit pressure. Primary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit condition. Secondary carbon unit pressure. Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit condition. Polishing carbon unit pressure.		Good B	Poor 🗆
Transfer pump flow rate.  Carbon Treatment Units Primary carbon unit condition. Primary carbon unit leaks? Primary carbon unit pressure. Primary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Secondary carbon unit pressure. Secondary carbon unit pressure. Secondary carbon removed for disposal? Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit condition. Polishing carbon unit pressure.		Yes ⊡	
Primary carbon unit condition. Primary carbon unit leaks? Primary carbon unit pressure. Primary carbon removed for disposal? Secondary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon unit pressure. Polishing carbon unit pressure. Polishing carbon unit pressure. Polishing carbon placed in secondary unit?  Discharge Piping  Poor   Poor   Yes   No   Poor   Yes   No   Poor   Yes   No   No   No   Poor   Yes   No   No   No   No   No   No   No   N	Transfer pump flow rate.	3,61	
Primary carbon unit condition. Primary carbon unit leaks? Primary carbon unit pressure. Primary carbon removed for disposal? Secondary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon unit pressure. Polishing carbon unit pressure. Polishing carbon unit pressure. Polishing carbon placed in secondary unit?  Discharge Piping  Poor   Poor   Yes   No   Poor   Yes   No   Poor   Yes   No   No   No   Poor   Yes   No   No   No   No   No   No   No   N	Carbon Treatment Units		
Primary carbon unit leaks? Primary carbon unit pressure. Primary carbon removed for disposal? Secondary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Secondary carbon unit pressure. Secondary carbon unit pressure. Secondary carbon removed for disposal? Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon placed in secondary unit?  Post Discharge Piping  No Discharge Piping	Primary carbon unit condition.	Good P	Poor 🗆
Primary carbon unit pressure.  Primary carbon removed for disposal? Secondary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Secondary carbon removed for disposal? Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit leaks?  Polishing carbon unit condition. Polishing carbon unit pressure.			
Primary carbon removed for disposal? Secondary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Secondary carbon removed for disposal? Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon placed in secondary unit?  Discharge Piping	Primary carbon unit pressure.	2	
Secondary carbon unit rotated to primary? New carbon placed in primary unit?  Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Secondary carbon removed for disposal? Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon placed in secondary unit?		Yes□	/
New carbon placed in primary unit?  Secondary carbon unit condition.  Secondary carbon unit leaks?  Secondary carbon unit pressure.  Secondary carbon removed for disposal?  Polishing unit rotated to secondary?  New carbon placed in secondary unit?  Polishing carbon unit leaks?  Polishing carbon unit leaks?  Polishing carbon unit pressure.  Polishing carbon placed in secondary unit?  Post Discharge Piping	Secondary carbon unit rotated to primary?		
Secondary carbon unit leaks?  Secondary carbon unit pressure.  Secondary carbon removed for disposal?  Polishing unit rotated to secondary?  New carbon placed in secondary unit?  Polishing carbon unit condition.  Polishing carbon unit leaks?  Polishing carbon unit pressure.	New carbon placed in primary unit?		
Secondary carbon unit leaks? Secondary carbon unit pressure. Secondary carbon removed for disposal? Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit condition. Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon unit pressure. Polishing carbon removed for disposal? New carbon placed in secondary unit?  Post   Yes   No   Poor   Yes	Secondary carbon unit condition.	Good P	Poor □
Secondary carbon unit pressure.  Secondary carbon removed for disposal?  Polishing unit rotated to secondary?  New carbon placed in secondary unit?  Polishing carbon unit condition.  Polishing carbon unit leaks?  Polishing carbon unit pressure.  Polishing carbon unit pressure.  Polishing carbon removed for disposal?  No Discharge Piping  PSI  No Discharge Piping		Yes □	
Secondary carbon removed for disposal? Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit condition. Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon removed for disposal? New carbon placed in secondary unit?  Pischarge Piping  No B  Yes D  Yes D  No B  Poor D  Yes D  No B  Poor D  Yes D  No B  No B  Poor D  Yes D  No B  No B  Poor D  No B  No B  Poor D  No B	Secondary carbon unit pressure.		
Polishing unit rotated to secondary? New carbon placed in secondary unit?  Polishing carbon unit condition. Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon removed for disposal? New carbon placed in secondary unit?  Possible properties are properties and properties are proper		Yes 🖯	
New carbon placed in secondary unit?  Polishing carbon unit condition. Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon removed for disposal? New carbon placed in secondary unit?  Post   No   Poor   No   P	Polishing unit rotated to secondary?	Yes□	
Polishing carbon unit leaks?  Polishing carbon unit pressure.  Polishing carbon removed for disposal?  New carbon placed in secondary unit?  Polischarge Piping  Discharge Piping	New carbon placed in secondary unit?		
Polishing carbon unit leaks?  Polishing carbon unit pressure.  Polishing carbon removed for disposal?  New carbon placed in secondary unit?  Polischarge Piping  Discharge Piping	Polishing carbon unit condition.	Good 9	Poor 🗆
Polishing carbon unit pressure.  Polishing carbon removed for disposal?  New carbon placed in secondary unit?  PSI  No D  No D  Discharge Piping	Polishing carbon unit leaks?		/
Polishing carbon removed for disposal?  New carbon placed in secondary unit?  Plischarge Piping  Discharge Piping			
New carbon placed in secondary unit?  Yes  No ()  Discharge Piping			
<del>No. 14. 1. 1</del>	New carbon placed in secondary unit?		
<del>No. 14. 1. 1</del>	Discharge Piping		
ripe integrity in shed.    Good in   Door in	Pipe integrity in shed.	Good B	Poor 🗆
Pipe integrity at catch basin. Good Poor			
Pipe at catch basin clear?			
Pipe integrity at creek. Good Poor	Pipe integrity at creek.		
Pipe at creek clear? Yes I No I			

Miscellaneous		
Bullding and Site Remediation shed condition. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good (f) Yes (f) Yes () Yes ()	Poor   No   No   No   No   O
Electrical/Heating Electric controls operational Heater operational	Yes U Yes U	No 🗆 No 🗆

Miscellaneous - (Continued)		
Extraction Well Overall vault condition. Work needed on vault?	Good (5' Yes ()	Poor 🗆 No 🖸
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	Yes B 1588,8 Yes D Yes D Yes B Yes D Yes D	No 🗆 Hours No 🗇 No 12 No 🗇 No 🗇 No 🗇

Sampling		
Pre-carbon water sampled?	Yes D	No B
Pre-carbon sample ports clear?	Yes D	No 🗆
Mid-carbon water sampled?	Yes 🛛	No 🗹
Mid-carbon sample ports clear?	Yes 🖰	No 🗆
Post carbon water sampled?	Yes 🗆	No E
Post carbon sample ports clear?	Yes 🖰	No □
Time sampled?	NA	a.m./p.m.
Compliance event?	Yes []	No 🗈
Product sampled?	Yes D	No D

Recovery and Disposal	<del></del>	
Totalizer reading.	639887	Gallons
Recovery from DNAPL Drum Pure DNAPL to disposal drum. 10 12 00 10 10 10 10 10 10 10 10 10 10 10 10	17	Gallons Gallons Gallons
Recovery from OilWater Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.	0	Gallons Gallons
Recovery from LNAPL Drum Pure LNAPL to disposal drum. LNAPL/water to disposal drum LNAPL/water to oil/water separator.	0	Gallons Gallons Gallons
Product, Carbon, Waste Storage  DNAPL drums on-site (full and fractional)  Spent carbon drums  PPE/Solids drums  LNAPL drums  Drums labeled  2 GM/77 5 out; T	7 0 0 Yes 8	Drums Drums Drums Drums No

49 7/8 × 33 3/4

Completed valit, some backful - ETECHETAL, plumbia
New System operation upon departure

DNAPL System Hi Down	+AULT	
Operational upon arrival?	Yes 🛚	No D
DNAPL pump pressure (arrival)	32	PSI
DNAPL pump pressure (departure)	260	PSI
Pneumatic settings adjusted?	Yes 🛭	No 🗹
Discharge control setting (departure)		Arrow
Refill control setting (departure)	<del></del>	
(acparture)	<del></del>	Arrow
DNAPL Drum	·	ľ
High level shut off operational?	Yes D	No □
Green warning light operational?	Yes D	No 🗆
DNAPL drum container condition.	Good M	Poor 🗆
Leaks present?	Yes 🗆	No
Decant valve integrity.	Good II	
	3000	Poor 🗆
DNAPL Pump and Piping		
DNAPL piping integrity.	Control	Poor 🗆 🗸
DNAPL pump cleaned?	Yes 🗆	No B
DNAPL top of pump depth.		Feet
Maria de la companya	L	T.CCI

V 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
LNAPL/Groundwater System		
Operational upon arrival?	Yes 🗗	No □
LNAPL pump pressure (arrival)	53	PSI
LNAPL pump pressure (departure)	52	PSI
Bubbler tube operating pressure.	-	PSI
Pneumatic settings adjusted?	Yes I	No D
Discharge control setting (departure)	<del></del>	Arrow
Refill control setting (departure)		Arrow
S (mypulato)		Allow
LNAPL Pump and Piping	i l	
LNAPL piping integrity.	Good P	Poor 🗆
LNAPL pump cleaned?	Yes D	No E
LNAPL top of pump depth.	1000	Feet
and the first section of the section	<b></b>	reet
OilWater Separator	1	
High level oil shut-off operational?	Yes D	No 🗆
High level water shut-off operational?	Yes B	No 🗆
White warning light operational?	Yes D	No [
Separator vessel condition.	Good B	Poor 🛘
Leaks present?	Yes 🗆	No D
Separator cover and seal condition.	Good E	Poor 🗆
Decant valve integrity.	Good D	Poor 🗆
LNAPL in separator?	Yes □	No 🖭
Separator needs cleaning?	Yes 🛭	No E
Separator cleaned?	Yes □	No 🗗
LNAPL Storage Drum		
LNAPL drum condition.	Good ₽	Poor 🗆
LNAPL drum leaks?	Yes 🛛 🔎	No 🖭
Drum high level shut-off operational?	Yes 🗹	No 🗆
Technician: Rx Date:	10 26	00
<del></del>		<del>~ ~</del>

73743740			
LNAPL/Groundwater System - (C	LNAPL/Groundwater System - (Continued)		
Equalization Drum Equalization drum condition. Equalization drum leaks? Drum high level shut-off operational?	Good @ Yes [] Yes @	Poor   No   No   No	
Transfer Pump and Piping Pump operational? Pump condition. Flow meter operational? Transfer pump flow rate.	Yes (9' Good (2)' Yes (5' 3.80')	No 🗆 Poor 🗅 No 🗆 GPM	
Carbon Treatment Units Primary carbon unit condition. Primary carbon unit leaks? Primary carbon unit pressure. Primary carbon removed for disposal? Secondary carbon unit rotated to primary? New carbon placed in primary unit?	Good G Yes D /, 5 Yes D Yes D Yes D	Poor D No B PSI No D No C No C	
Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Secondary carbon removed for disposal? Polishing unit rotated to secondary? New carbon placed in secondary unit?	Good (I) Yes (I) Yes (I) Yes (I) Yes (I) Yes (I)	Poor D No D PSI No D No D No D No D	
Polishing carbon unit condition. Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon removed for disposal? New carbon placed in secondary unit?	Good (2/ Yes () //A Yes () Yes ()	Poor D No G PSI No D	
Discharge Piping Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good B Good D Yes B Good B Yes C	Poor  Poor  No  Poor  No  No  No  No	

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

Miscellaneous - (Continued)		
Extraction Well Overall vault condition. Work needed on vault?	Good <b>E</b> ✓ Yes □	Poor [] No.D
Air Compressor Compressor operational? Compressor hours, Oil level checked? Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	Yes 8 75944 Yes 0 Yes 0 Yes 0 Yes 0 Yes 0 Yes 0	No [] Hours No [] No [] No [] No [] No [] No []

Sampling		
Pre-carbon water sampled?	Yes □	No Is
Pre-carbon sample ports clear?	Yes D	No 🗆
Mid-carbon water sampled?	Yes 🛘	No B
Mid-carbon sample ports clear?	Yes 🖫	No □
Post carbon water sampled?	Yes 🗆	No D
Post carbon sample ports clear?	Yes 🖫	No 🗆
Time sampled?	NA	a.m./p.m.
Compliance event?	Yes 🗆	No.
Product sampled?	Yes □	No D

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

NOTES:

DNAPL System		
Operational upon arrival?	Yes	No 🗆
DNAPL pump pressure (arrival)	26	PSI
DNAPL pump pressure (departure)	260	PSI
Pneumatic settings adjusted?	Yes D	No Z
Discharge control setting (departure)	<b>A</b>	Arrow
Refill control setting (departure)	1	Arrow
S(=-7=)		Anow
DNAPL Drum	1 :	
High level shut off operational?	Yes D	No 🗆
Green warning light operational?	Yes G	No 🗆
DNAPL drum container condition.	Good II	Poor 🗆 🗸
Leaks present?	Yes 🗆	No C
Decant valve integrity.	Good D	Poor 🗆
		FOOT
DNAPL Pump and Piping	1 1	
DNAPL piping integrity.	Lood P	Poor 🗆 🗸
DNAPL pump cleaned?	Yes D	No E
DNAPL top of pump depth.	1.00	Feet
		I eer

LNAPL/Groundwater System		
Operational upon arrival?	Yes 🛭	No 🗆
LNAPL pump pressure (arrival)	53	PSI
LNAPL pump pressure (departure)	53	PSI
Bubbler tube operating pressure.	7	PSI
Pneumatic settings adjusted?	Yes 🛘	No 19
Discharge control setting (departure)	不	Arrow
Refill control setting (departure)		Arrow
	<del></del>	ALIOW
LNAPL Pump and Piping	1 /	
LNAPL piping integrity.	Good P	Poor 🗆 🗸
LNAPL pump cleaned?	Yes 🗆	No F
LNAPL top of pump depth.	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Feet
		reet
OiVWater Separator		İ
High level oil shut-off operational?	Yes 🗹	№П
High level water shut-off operational?	Yes D	No D
White warning light operational?	Yes 🖫	NoΠ
Separator vessel condition.	Good	Poor 🗆 🗸
Leaks present?	Yes 🗆	No E
Separator cover and seal condition.	Good 2	Poor 🗆
Decant valve integrity.	Good E	Poor 🗆
LNAPL in separator?	Yes 🗹	No 🗆
Separator needs cleaning?	Yes 🖸	Not
Separator cleaned?	Yes □	No E
	]	
LNAPL Storage Drum	ار ا	
LNAPL drum condition.	Good 🛚	Poor 🗆 🗸
LNAPL drum leaks?	Yes 🛛 🖊	No D
Drum high level shut-off operational?	Yes ∭	ı No □
Technician: KY Date:	10/20	Ob
Date	1010	

I NADI /Crown drugsters Court (C. 1)		
LNAPL/Groundwater System - (Continued)		
Equalization Drum Equalization drum condition. Equalization drum leaks? Drum high level shut-off operational?	Good (I) Yes (I) Yes (I)	Poor   No   No   No
Transfer Pump and Piping Pump operational? Pump condition. Flow meter operational? Transfer pump flow rate.	Yes Cood Dy Yes D	No 🗆 Poor 🗅 No 🗆 GPM
Carbon Treatment Units Primary carbon unit condition. Primary carbon unit leaks? Primary carbon unit pressure. Primary carbon removed for disposal? Secondary carbon unit rotated to primary? New carbon placed in primary unit?	Good (IV) Yes (I) Yes (I) Yes (I) Yes (I) Yes (I)	Poor [] No [2] PSI No [2] No [2] No [2]
Secondary carbon unit condition. Secondary carbon unit leaks? Secondary carbon unit pressure. Secondary carbon removed for disposal? Polishing unit rotated to secondary? New carbon placed in secondary unit?	Good @YYes DYes DYes DYes DYes DYes D	Poor D No D PSI No D No D No D No D
Polishing carbon unit condition. Polishing carbon unit leaks? Polishing carbon unit pressure. Polishing carbon removed for disposal? New carbon placed in secondary unit?	Good G Yes D A Yes D Yes D	Poor D No D PSI No D No D
Discharge Piping Pipe integrity in shed. Pipe integrity at catch basin. Pipe at catch basin clear? Pipe integrity at creek. Pipe at creek clear?	Good D Good D Yes D Good E Yes D	Poor  Poor  No  Poor  No  No  No  No  No

Miscellaneous	<u> </u>	
Building and Site Remediation shed condition. Shed ventilation acceptable? Repairs/work needed? Spill evidence?	Good IV Yes II Yes II Yes II	Poor  No  No C
Electrical/Heating Electric controls operational Heater operational	Yes U Yes U	No □ No □

RESET	0513	atence.	
CLEANED	UP ARI	EA PROUN	0
Soil of	ile -	REGRADE	STONE

Miscellaneous - (Continued)		
Extraction Well Overall vault condition. Work needed on vault?	Good & Yes 🗆	Poor 🛭 No 🗹
Air Compressor Compressor operational? Compressor hours. Oil level checked? Oil level changed? Compressor trap operating? Regulator operating? Air lines performing properly?	Yes 0'	No D Hours No D No D No D No D No D

Sampling		
Pre-carbon water sampled?	Yes B	No □
Pre-carbon sample ports clear?	Yes D	No □
Mid-carbon water sampled?	Yes 🗹	No □
Mid-carbon sample ports clear?	Yes D	No □
Post carbon water sampled?	Yes Ø	No 🗆
Post carbon sample ports clear?	Yes E	No 🗆
Time sampled?	1315	a.m./p.m.
Compliance event?	Yes P	No 🗆
Product sampled?	Yes 🛭	No Z

Recovery and Disposal		<del></del>
Totalizer reading.	644985	Gallons
Recovery from DNAPL Drum Pure DNAPL to disposal drum. DNAPL/water to disposal drum. DNAPL/water to oil/water separator.	10	Gallons Gallons Gallons
Recovery from OtVWater Separator Pure DNAPL to disposal drum. DNAPL/water to disposal drum.	0.5 0.5	Gallons Gallons
Recovery from LNAPL Drum Pure LNAPL to disposal drum. LNAPL/water to disposal drum. LNAPL/water to oil/water separator.	0 0	Gallons Gallons Gallons
Product, Carbon, Waste Storage DNAPL drums on-site (full and fractional) Spent carbon drums PPE/Solids drums LNAPL drums Drums labeled	3 0 0 Yes 8	Drums Drums Drums Drums No

NOTES: Completed BALKFILL AVOUND
NEW SEPERATOR LAULT. MOBED ZLOADS
APPROX 12 TONS OF EXCESS SOI OFFSITE