# FORMER GASTOWN MGP SITE SITE NO. 915171

# 2017 SITE VISIT CHECKLISTS FOR THE GROUNDWATER COLLECTION & TREATMENT SYSTEM

| Technician: | MK        | Totalizer:    | 218873 |
|-------------|-----------|---------------|--------|
| Date:       | 1117      | Total Pumped: | 3540   |
| Weather:    | 10° 50 mg |               |        |

| •   |      |       |                                  |
|---|------|-------|----------------------------------|
| System Status (Arrival): Corlor Bleach on 1 | (Jp) | Down  | System Status (Departure):       |
| Oil Water Separator                         | r    |       | Discharge Pipin                  |
| High level shut-off operational?            | Yes  | No    | Pipe integrity in shed           |
| Red warning light operational?              | Yes  | No    | Pipe integrity at catch basin    |
| Separator vessel integrity                  | Good | Poor  | Pipe at catch basin clear?       |
| Leaks present?                              | Yes  | Nø    | Pipe integrity at creek          |
| Separator cover and seal integrity          | Good | Poor  | Pipe at creek clear?             |
| Decant valve integrity                      | Good | Poor  | Miscellaneous                    |
| LNAPL in separator?                         | Yes  | No    | Shed integrity                   |
| Separator needs cleaning?                   | Yes  | N6    | Shed ventillation acceptable?    |
| Separator cleaned?                          | Yes  | No    | Repairs/work needed?             |
| Transfer Pump and Pip                       | ing  |       | Spill evidence?                  |
| Pump operational?                           | Yes  | No    | Electrical controls operational? |
| Pump integrity                              | Good | Poor  | Heater operational?              |
| Flow meter operational?                     | Yes  | No    | Vault integrity                  |
| Transfer pump flow rate                     | 2.18 | GPM   | Repairs needed to vault?         |
| Filter 1 Pressure @ arrival (In/Out)        | 17   | 7     | Sampling                         |
| Filter 2 Pressure @ arrival(In/Out)         | 8    | 6     | Sampling performed?              |
| Filters changed?                            | Yes  | (No') | Sampling event                   |
| Filter 1 Pressure @ departure (In/Out)      |      |       | Post Carbon 3 sampled @          |
| Filter 2 Pressure @ departure(In/Out)       |      |       | Post Carbon 2 sampled @          |
| Carbon Drums                                |      |       | Post Carbon 1 sampled @          |
| Primary carbon drum integrity               | Good | Poor  | Pre Carbon sampled @             |
| Primary carbon drum leaks?                  | Yes  | No    | Inside/Outside Sump sampled @    |
| Primary carbon drum pressure                | 5    | PSI   | Recovery and Dispo               |
| Primary removed for disposal?               | Yes  | (No)  | Pure DNAPL Recovery              |
| Secondary carbon drum integrity             | Good | Poor  | DNAPL / Water Recovery           |
| Secondary carbon drum leaks?                | Yes  | WO    | DNAPL drums onsite               |
| Secondarycarbon drum pressure               | 5    | PSI   | Spent carbon drums onsite        |
| Secondary rotated to primary?               | Yes  | No    | PPE/Solids drums onsite          |
| Polishing carbon drum integrity             | Good | Poor  | Drums labeled?                   |
| Polishingcarbon drum leaks?                 | Yes  | No    | Drums in storage unit?           |
| Polishing carbon drum pressure              | 1    | PSI   | Club Vent System                 |
| Polishing rotated to secondary?             | Yes  | NO    | Fan Running?                     |
| New carbon polishing drum?                  | Yes  | No    | Vac at sump enclosure?           |
| Notes:                                      |      |       |                                  |

| System Status (Departure):       | (Up)   | Down    |
|----------------------------------|--------|---------|
| Discharge Pipin                  | -      |         |
|                                  |        | 71 -    |
| 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                    |        |         |
| Shed integrity                   | Good   | Poor    |
| Shed ventillation acceptable?    | Yes    | No      |
| Repairs/work needed?             | Yes    | No      |
| Spill evidence?                  | Yes    | No      |
| Electrical controls operational? | Yes    | No      |
| Heater operational?              | Yes    | No      |
| Vault integrity                  | Good   | Poor    |
| Repairs needed to vault?         | Yes    | Nø      |
| Sampling                         |        |         |
| Sampling performed?              | Yes    | (No)    |
| Sampling event                   | Mnthly | Qtrly   |
| Post Carbon 3 sampled @          |        |         |
| Post Carbon 2 sampled @          |        |         |
| Post Carbon 1 sampled @          |        |         |
| Pre Carbon sampled @             |        |         |
| Inside/Outside Sump sampled @    |        |         |
| Recovery and Dispo               | sal    |         |
| Pure DNAPL Recovery              |        | Gallons |
| DNAPL / Water Recovery           |        | Gallons |
| DNAPL drums onsite               |        | Drums   |
| Spent carbon drums onsite        | /      | Drums   |
| PPE/Solids drums onsite          |        | Drums   |
| Drums labeled?                   | Yes    | No      |
| Drums in storage unit?           | Yes    | No      |
| Club Vent System                 | 1      |         |
| Fan Running?                     | Yes    | No      |
| Vac at sump enclosure?           | Yes    | No      |

| Technician:   | m          |         | Totalizer:                 | 224949  |
|---------------|------------|---------|----------------------------|---------|
| Date:         | 1/13/17    |         | Total Pumped:              | 6078    |
| Weather:      | 5mm 30     |         | -                          |         |
| System Status | (Arrival): | Up Down | System Status (Departure): | Up Down |

| Oil Water Separato                     | r     |      |
|--|-------|------|
| High level shut-off operational?       | Yes   | No   |
| Red warning light operational?         | Yes   | No   |
| Separator vessel integrity             | Good  | Poor |
| Leaks present?                         | Yes   | No)  |
| Separator cover and seal integrity     | Good  | Poor |
| Decant valve integrity                 | Good  | Poor |
| LNAPL in separator?                    | Yes   | No   |
| Separator needs cleaning?              | Yes   | No   |
| Separator cleaned?                     | Yes   | No   |
| Transfer Pump and Pip                  | ing   |      |
| Pump operational?                      | Yes   | No   |
| Pump integrity                         | Good  | Poor |
| Flow meter operational?                | Yes   | No   |
| Transfer pump flow rate                | 257   | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 20    | 9    |
| Filter 2 Pressure @ arrival(In/Out)    | 12    | 8    |
| Filters changed?                       | Yes   | (No) |
| Filter 1 Pressure @ departure (In/Out) |       |      |
| Filter 2 Pressure @ departure(In/Out)  |       |      |
| Carbon Drums                           |       |      |
| Primary carbon drum integrity          | Good  | Poor |
| Primary carbon drum leaks?             | Yes   | No   |
| Primary carbon drum pressure           | 6     | PSI  |
| Primary removed for disposal?          | Yes   | No   |
| Secondary carbon drum integrity        | Good  | Poor |
| Secondary carbon drum leaks?           | Yes   | No   |
| Secondarycarbon drum pressure          | 3     | PSI  |
| Secondary rotated to primary?          | Yes   | No   |
| Polishing carbon drum integrity        | Good' | Poor |
| Polishingcarbon drum leaks?            | Yes   | No   |
| Polishing carbon drum pressure         | 1     | PSI  |
| Polishing rotated to secondary?        | Yes   | No   |
| New carbon polishing drum?             | (Yes) | No   |
| Notes:                                 | 1.5/  |      |

| Discharge Pipin                      |        |         |
|--------------------------------------|--------|---------|
| Pipe integrity in shed               | Good   | Poor    |
| Pipe integrity at catch basin        | Goød   | Poor    |
| Pipe at catch basin clear?           | Yes    | No      |
| Pipe integrity at creek              | Good   | Poor    |
| Pipe at creek clear?                 | Yes    | No      |
| Miscellaneous                        |        |         |
| Shed integrity                       | Good   | Poor    |
| Shed ventillation acceptable?        | Yes    | No      |
| Repairs/work needed?                 | Yes    | No      |
| Spill evidence?                      | Yes    | No.     |
| Electrical controls operational?     | Yes    | No      |
| Heater operational?                  | Yes    | No      |
| Vault integrity                      | Good   | Poor    |
| Repairs needed to vault?             | Yes    | No      |
| Sampling                             |        |         |
| Sampling performed?                  | Yes    | No      |
| Sampling event                       | Mnthly | Qtrly   |
| Post Carbon 3 sampled @              |        |         |
| Post Carbon 2 sampled @              | /      |         |
| Post Carbon 1 sampled @              |        |         |
| Pre Carbon sampled @                 | (      |         |
| Inside/Outside Sump sampled @        |        |         |
| Recovery and Dispo                   | sal    |         |
| Pure DNAPL Recovery                  |        | Gallons |
| DNAPL / Water Recovery               | -      | Gallons |
| DNAPL drums onsite                   |        | Drums   |
| Spent carbon drums onsite            | 1      | Drums   |
| PPE/Solids drums onsite              | 7      | Drums   |
| Drums labeled?                       | Yes    | No      |
| Drums in storage unit?               | Yes    | No      |
| Club Vent System                     |        |         |
| Fan Running?                         | Yes    | No      |
| Vac at sump enclosure? الما هدن الما | Yes    | No      |

| NYSDEC                                  | - Gas | town | 126 East Niagara St              |               |       |  |
|---|-------|------|----------------------------------|---------------|-------|--|
| Technician:                             |       |      | Totalizer:                       | 8125          |       |  |
| Date: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |       |      | Total Pumped:                    | 233           | 074   |  |
| Weather: Jank 40%                       |       |      |                                  |               |       |  |
| System Status (Arrival):                | (Up)  | Down | System Status (Departure):       | Up            | Down  |  |
| Oil Water Separator                     | •     |      | Discharge Pipin                  | ıg _          |       |  |
| High level shut-off operational?        | Yes   | No   | Pipe integrity in shed           | Good          | Poor  |  |
| Red warning light operational?          | Yes   | No   | Pipe integrity at catch basin    | Good          | Poor  |  |
| Separator vessel integrity              | Good  | Poor | Pipe at catch basin clear?       | Yes           | No    |  |
| Leaks present?                          | Yes   | No   | Pipe integrity at creek          | Good          | Poor  |  |
| Separator cover and seal integrity      | Good  | Poor | Pipe at creek clear?             | Yes           | No    |  |
| Decant valve integrity                  | Good  | Poor | Miscellaneous                    | Miscellaneous |       |  |
| LNAPL in separator?                     | Yes   | No   | Shed integrity                   | Good          | Poor  |  |
| Separator needs cleaning?               | Yes   | No   | Shed ventillation acceptable?    | Yes           | No    |  |
| Separator cleaned?                      | Yes   | No   | Repairs/work needed?             | Yes           | No    |  |
| Transfer Pump and Pipi                  | ng    |      | Spill evidence?                  | Yes           | No    |  |
| Pump operational?                       | Yes   | No   | Electrical controls operational? | Yes           | No    |  |
| Pump integrity                          | Good  | Poor | Heater operational?              | Yes           | No    |  |
| Flow meter operational?                 | Yes   | No   | Vault integrity                  | Good          | Poor  |  |
| Transfer pump flow rate                 | 1.72  | GPM  | Repairs needed to vault?         | Yes           | (No)  |  |
| Filter 1 Pressure @ arrival (In/Out)    | 18    | 9    | Sampling                         |               |       |  |
| Filter 2 Pressure @ arrival(In/Out)     | 9     | 0    | Sampling performed?              | Yes           | No    |  |
| Filters changed?                        | Yes   | NO   | Sampling event                   | Mnthly        | Qtrly |  |
| Filter 1 Pressure @ departure (In/Out)  |       |      | Post Carbon 3 sampled @          | 1430          | 3,017 |  |
| Filter 2 Pressure @ departure(In/Out)   |       |      | Post Carbon 2 sampled @          | 1435          |       |  |
| Carbon Drums                            |       |      |                                  |               |       |  |

| Filter 2 Pressure @ departure(In/Out) | l    |      |
|---------------------------------------|------|------|
| Carbon Drums                          |      |      |
| Primary carbon drum integrity         | Good | Poor |
| Primary carbon drum leaks?            | Yes  | No   |
| Primary carbon drum pressure          | 6    | PSI  |
| Primary removed for disposal?         | Yes  | No   |
| Secondary carbon drum integrity       | Good | Poor |
| Secondary carbon drum leaks?          | Yes  | No   |
| Secondarycarbon drum pressure         | 2    | PSI  |
| Secondary rotated to primary?         | Yes  | No   |
| Polishing carbon drum integrity       | Good | Poor |
| Polishingcarbon drum leaks?           | Yes  | No   |
| Polishing carbon drum pressure        | 1    | PSI  |
| Polishing rotated to secondary?       | Yes  | No   |
| New carbon polishing drum?            | Yes  | No   |
| Notos                                 |      | _    |

| Tost carbon 1 Sampica @       | 1 / 10     | 1       |  |  |  |
|-------------------------------|------------|---------|--|--|--|
| Pre Carbon sampled @          | 1445       |         |  |  |  |
| Inside/Outside Sump sampled @ | 1500       |         |  |  |  |
| Recovery and Dispo            | osal       |         |  |  |  |
| Pure DNAPL Recovery           |            | Gallons |  |  |  |
| DNAPL / Water Recovery        | _          | Gallons |  |  |  |
| DNAPL drums onsite            | 0          | Drums   |  |  |  |
| Spent carbon drums onsite     | 1          | Drums   |  |  |  |
| PPE/Solids drums onsite       | 1          | Drums   |  |  |  |
| Drums labeled?                | <b>Yes</b> | No      |  |  |  |
| Drums in storage unit?        | Yes        | No      |  |  |  |
| Club Vent System              |            |         |  |  |  |
| Fan Running?                  | Yes        | No      |  |  |  |
| Vac at sump enclosure?        | Yes        | No      |  |  |  |

| Technician:                            |      |      | Totalizer:                       | ). 0   | <u>X</u> |
|--|------|------|----------------------------------|--------|----------|
| Date: 1/27/17                          |      |      | Total Pumped:                    | 33     |          |
| Weather: 30s class                     |      |      | <u> </u>                         |        |          |
|  |      |      | _                                |        |          |
| System Status (Arrival):               | Up   | Down | System Status (Departure):       | Up     | Down     |
|  |      |      |                                  |        |          |
| Oil Water Separator                    |      |      | Discharge Pipin                  | g      |          |
| High level shut-off operational?       | Yes  | No   | Pipe integrity in shed           | Good   | Poor     |
| Red warning light operational?         | Yes  | No   | Pipe integrity at catch basin    | Good   | Poor     |
| Separator vessel integrity             | Good | Poor | Pipe at catch basin clear?       | Yes    | No       |
| Leaks present?                         | Yes  | No   | Pipe integrity at creek          | Good   | Poor     |
| Separator cover and seal integrity     | Good | Poor | Pipe at creek clear?             | Yes    | No       |
| Decant valve integrity                 | Good | Poor | Miscellaneous                    |        |          |
| LNAPL in separator?                    | Yes  | No   | Shed integrity                   | Good   | Poor     |
| Separator needs cleaning?              | Yes  | Nø   | Shed ventillation acceptable?    | Yes    | No       |
| Separator cleaned?                     | Yes  | No   | Repairs/work needed?             | Yes    | No       |
| Transfer Pump and Pip                  | ing  |      | Spill evidence?                  | Yes    | No       |
| Pump operational?                      | Yes  | No   | Electrical controls operational? | Yes    | No       |
| Pump integrity                         | Good | Poor | Heater operational?              | Yes    | No       |
| Flow meter operational?                | Yes  | No   | Vault integrity                  | Good   | Poor     |
| Transfer pump flow rate                | 1.48 | GPM  | Repairs needed to vault?         | Yes    | No       |
| Filter 1 Pressure @ arrival (In/Out)   | 17   | 4    | Sampling                         |        |          |
| Filter 2 Pressure @ arrival(In/Out)    | 8    | 6    | Sampling performed?              | Yes    | No       |
| Filters changed?                       | Yes  | No   | Sampling event                   | Mnthly | Qtrly    |
| Filter 1 Pressure @ departure (In/Out) |      |      | Post Carbon 3 sampled @          |        |          |
| Filter 2 Pressure @ departure(In/Out)  |      |      | Post Carbon 2 sampled @          |        |          |
| Carbon Drums                           | _    |      | Post Carbon 1 sampled @          |        |          |
| Primary carbon drum integrity          | Good | Poor | Pre Carbon sampled @             |        |          |
| Primary carbon drum leaks?             | Yes  | Wo   | Inside/Outside Sump sampled @    | 7      |          |
| Primary carbon drum pressure           | 5    | PSI  | Recovery and Dispo               | sal    |          |
| Primary removed for disposal?          | Yes  | No   | Pure DNAPL Recovery              |        | Gallons  |
| Secondary carbon drum integrity        | Good | Poor | DNAPL / Water Recovery           |        | Gallons  |
| Secondary carbon drum leaks?           | Yes  | No   | DNAPL drums onsite               |        | Drums    |

PSI

No

**Poor** 

No

**PSI** 

No

No

Yes

Good

Yes

Yes

Yes

Spent carbon drums onsite

PPE/Solids drums onsite

Drums in storage unit?

Vac at sump enclosure?

Drums labeled?

Fan Running?

**Drums** 

**Drums** 

No

No

No

No

Yes

Yes

Yes

Yes

**Club Vent System** 

Secondarycarbon drum pressure

Secondary rotated to primary?

Polishing carbon drum integrity

Polishing carbon drum pressure

Polishing rotated to secondary?

Polishingcarbon drum leaks?

New carbon polishing drum?

Notes: XX Bathries dend, replaced

| Technician:   | MK           |           | Totalizer:                 | 5204    |
|---------------|--------------|-----------|----------------------------|---------|
| Date:         | 2317         |           | Total Pumped:              | 5204    |
| Weather:      | 20° sum      |           | _                          |         |
| System Status | s (Arrival): | (Up) Down | System Status (Departure): | Up Down |

| Oil Water Separato                     | r     |      |
|--|-------|------|
| High level shut-off operational?       | (Yes) | No   |
| Red warning light operational?         | (Yes) | No   |
| Separator vessel integrity             | Good  | Poor |
| Leaks present?                         | Yes   | No   |
| Separator cover and seal integrity     | Good  | Poor |
| Decant valve integrity                 | Good  | Poor |
| LNAPL in separator?                    | Yes   | No   |
| Separator needs cleaning?              | Yes   | No   |
| Separator cleaned?                     | Yes   | No   |
| Transfer Pump and Pip                  | ing   |      |
| Pump operational?                      | Yes   | No   |
| Pump integrity                         | Good? | Poor |
| Flow meter operational?                | Yes   | No   |
| Transfer pump flow rate                | (.83  | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | (7    | 7    |
| Filter 2 Pressure @ arrival(In/Out)    | 5     | Ċ    |
| Filters changed?                       | Yes   | No   |
| Filter 1 Pressure @ departure (In/Out) |       |      |
| Filter 2 Pressure @ departure(In/Out)  |       |      |
| Carbon Drums                           |       |      |
| Primary carbon drum integrity          | Good  | Poor |
| Primary carbon drum leaks?             | Yes   | No   |
| Primary carbon drum pressure           | 6     | PSI  |
| Primary removed for disposal?          | Yes   | No   |
| Secondary carbon drum integrity        | Good  | Poor |
| Secondary carbon drum leaks?           | Yes   | 400  |
| Secondarycarbon drum pressure          | 3     | PSI  |
| Secondary rotated to primary?          | Yes   | No   |
| Polishing carbon drum integrity        | Good  | Poor |
| olishingcarbon drum leaks?             | Yes   | NO?  |
| olishing carbon drum pressure          | 1     | PSI  |
| olishing rotated to secondary?         | Yes   | 101  |
| lew carbon polishing drum?             | Yes   | No   |
| otes:                                  |       | 119  |

| Discharge Pipi                   | ng     |         |  |
|----------------------------------|--------|---------|--|
| 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                    | 5      |         |  |
| Shed integrity                   | Good   | Poor    |  |
| Shed ventillation acceptable?    | Yes    | No      |  |
| Repairs/work needed?             | Yes    | No      |  |
| Spill evidence?                  | Yes    | No      |  |
| Electrical controls operational? | Yes    | No      |  |
| Heater operational?              | Yes    | No      |  |
| Vault integrity                  | Good   | Poor    |  |
| Repairs needed to vault?         | Yes    | No      |  |
| Sampling                         |        |         |  |
| Sampling performed?              | Yes    | No      |  |
| Sampling event                   | Mnthly | Qtrly   |  |
| Post Carbon 3 sampled @          |        |         |  |
| Post Carbon 2 sampled @          |        |         |  |
| Post Carbon 1 sampled @          | 1      |         |  |
| Pre Carbon sampled @             | 1      |         |  |
| Inside/Outside Sump sampled @    |        |         |  |
| Recovery and Disp                | osal   |         |  |
| Pure DNAPL Recovery              | _      | Gallons |  |
| DNAPL / Water Recovery           | _      | Gallons |  |
| DNAPL drums onsite               |        | Drums   |  |
| Spent carbon drums onsite        | 1      | Drums   |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |
| Drums labeled?                   | Yes    | No      |  |
| Drums in storage unit?           | Yes    | No      |  |
| Club Vent System                 |        |         |  |
| Fan Running?                     | Yes    | No      |  |
| Vac at sump enclosure?           | Yes    | No      |  |

|              | 2. N             |         | 0                          |         |
|--------------|------------------|---------|----------------------------|---------|
| Technician:  | MR               |         | Totalizer:                 | 7161.8  |
| Date:        | 2/10/17          |         | Total Pumped:              | 5204    |
| Weather:     | - wordly clash   | 70:     | _                          |         |
| System Statu | us (Arrival):    | Up Down | System Status (Departure): | Up Down |
|              | Oil Water Senara | tox     | Dischaus                   | Distant |

| Oil Water Separator                    |      |      |
|--|------|------|
| High level shut-off operational?       | Yes  | No   |
| Red warning light operational?         | Yes  | (NG) |
| Separator vessel integrity             | Good | Poor |
| Leaks present?                         | Yes  | No   |
| Separator cover and seal integrity     | Good | Poor |
| Decant valve integrity                 | Good | Poor |
| LNAPL in separator?                    | Yes  | No   |
| Separator needs cleaning?              | Yes  | No   |
| Separator cleaned?                     | Yes  | No   |
| Transfer Pump and Pipi                 | ng   |      |
| Pump operational?                      | Yes  | No   |
| Pump integrity                         | Good | Poor |
| Flow meter operational?                | Yes  | No   |
| Transfer pump flow rate                | 1.39 | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 25   | -9   |
| Filter 2 Pressure @ arrival(In/Out)    | 10   | 8    |
| Filters changed?                       | Yes  | No   |
| Filter 1 Pressure @ departure (In/Out) |      |      |
| Filter 2 Pressure @ departure(In/Out)  |      |      |
| Carbon Drums                           |      |      |
| Primary carbon drum integrity          | Good | Poor |
| Primary carbon drum leaks?             | Yes  | No   |
| Primary carbon drum pressure           | 5    | PSI  |
| Primary removed for disposal?          | Yes  | No   |
| Secondary carbon drum integrity        | Good | Poor |
| Secondary carbon drum leaks?           | Yes  | Wo   |
| Secondarycarbon drum pressure          | 5    | PSI  |
| Secondary rotated to primary?          | Yes  | Nø   |
| Polishing carbon drum integrity        | Good | Poor |
| Polishingcarbon drum leaks?            | Yes  | No   |
| Polishing carbon drum pressure         | )    | PSI  |
| Polishing rotated to secondary?        | Yes  | No   |
| New carbon polishing drum?             | Yes  | ΝO   |

| 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                    |        |         |  |
| Shed integrity                   | Good   | Poor    |  |
| Shed ventillation acceptable?    | (Yes)  | No      |  |
| Repairs/work needed?             | Yes    | No      |  |
| Spill evidence?                  | (Yes)  | No      |  |
| Electrical controls operational? | Yes    | No      |  |
| Heater operational?              | Yes    | No      |  |
| Vault integrity                  | Good   | Poor    |  |
| Repairs needed to vault?         | (Yes') | Ño      |  |
| Sampling                         |        |         |  |
| Sampling performed?              | Yes    | , No    |  |
| Sampling event                   | Mnthly | Otrly   |  |
| Post Carbon 3 sampled @          |        | /       |  |
| Post Carbon 2 sampled @          | /      |         |  |
| Post Carbon 1 sampled @          |        |         |  |
| Pre Carbon sampled @             |        |         |  |
| Inside/Outside Sump sampled @    |        |         |  |
| Recovery and Dispo               | sal    |         |  |
| Pure DNAPL Recovery              |        | Gallons |  |
| DNAPL / Water Recovery           | ~      | Gallons |  |
| DNAPL drums onsite               |        | Drums   |  |
| Spent carbon drums onsite        | 1      | Drums   |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |
| Drums labeled?                   | Yes    | No      |  |
| Drums in storage unit?           | Yes⁄   | No      |  |
| Club Vent System                 |        |         |  |
| Fan Running?                     | Yes    | No      |  |
| Vac at sump enclosure?           | Yes    | No      |  |
|                                  | (-)    |         |  |

- leah in Carbon don 1 - bypossed - Surp in vault (Club sump, brancer pump) deard replaced

| Technician: | me      | Totalizer:    | 14681 |
|-------------|---------|---------------|-------|
| Date:       | 2 17 17 | Total Pumped: | 7520  |
| Weather:    | Sum 30  |               |       |
|             |         |               |       |

System Status (Departure):

Down

Down

| No No Poor |
|------------|
| No         |
|            |
| Poor       |
|            |
| No         |
| Poor       |
| Poor       |
| <b>₩</b> o |
| No         |
| No         |
|            |
| No         |
| Poor       |
| No         |
| GPM        |
| 8          |
| 6          |
| No         |
|            |
|            |
|            |
| Poor       |
| No         |
| PSI        |
| No         |
| Poor       |
| No         |
| PSI        |
| No         |
| Poor       |
| No         |
| PSI        |
| No         |
| No         |
|            |

System Status (Arrival):

| 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                    |        |         |  |
| Shed integrity                   | Good   | Poor    |  |
| Shed ventillation acceptable?    | Yes    | No      |  |
| Repairs/work needed?             | Yes    | No      |  |
| Spill evidence?                  | Yes    | No      |  |
| Electrical controls operational? | Yes    | No      |  |
| Heater operational?              | Yes    | No      |  |
| Vault integrity                  | Good   | Poor    |  |
| Repairs needed to vault?         | Yes    | (No     |  |
| Sampling                         |        |         |  |
| Sampling performed?              | Yes    | No      |  |
| Sampling event                   | Mnthly | Qtrly   |  |
| Post Carbon 3 sampled @          |        |         |  |
| Post Carbon 2 sampled @          |        |         |  |
| Post Carbon 1 sampled @          |        |         |  |
| Pre Carbon sampled @             |        |         |  |
| Inside/Outside Sump sampled @    |        |         |  |
| Recovery and Dispo               | sal    |         |  |
| Pure DNAPL Recovery              |        | Gallons |  |
| DNAPL / Water Recovery           |        | Gallons |  |
| DNAPL drums onsite               |        | Drums   |  |
| Spent carbon drums onsite        | 2      | Drums   |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |
| Drums labeled?                   | Yes    | No      |  |
| Drums in storage unit?           | Yes    | No      |  |
| Club Vent System                 |        |         |  |
| Fan Running?                     | Yes    | No      |  |
| Vac at sump enclosure?           | Yes    | No      |  |

| Technician: | T.Palm       |      | Totalizer:    | 491.3 |
|-------------|--------------|------|---------------|-------|
| Date:       | 2.2417       |      | Total Pumped: | 4.810 |
| Weather:    | Parth Sum, S | Ds 1 |               |       |

System Status (Arrival):

| Up Down System Status (D | Departure): |
|--------------------------|-------------|
|--------------------------|-------------|

| Up | Down |
|----|------|

| Oil Water Separato                     | r    |      |
|--|------|------|
| High level shut-off operational?       | Yes  | No   |
| Red warning light operational?         | Yes  | No   |
| Separator vessel integrity             | Good | Poor |
| Leaks present?                         | Yes  | No   |
| Separator cover and seal integrity     | Good | Poor |
| Decant valve integrity                 | Good | Poor |
| LNAPL in separator?                    | Yes  | (No) |
| Separator needs cleaning?              | Yes  | No   |
| Separator cleaned?                     | Yes  | No   |
| Transfer Pump and Pip                  | ing  |      |
| Pump operational?                      | Yes  | No   |
| Pump integrity                         | Good | Poor |
| Flow meter operational?                | Yes  | No   |
| Transfer pump flow rate                | 251  | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 17   | 7    |
| Filter 2 Pressure @ arrival(In/Out)    | 7.5  | 5.5  |
| Filters changed?                       | Yes  | No   |
| Filter 1 Pressure @ departure (In/Out) |      |      |
| Filter 2 Pressure @ departure(In/Out)  |      |      |
| Carbon Drums                           |      |      |
| Primary carbon drum integrity          | Good | Poor |
| Primary carbon drum leaks?             | Yes  | No   |
| Primary carbon drum pressure           | 4    | PSI  |
| Primary removed for disposal?          | Yes  | No   |
| Secondary carbon drum integrity        | Good | Poor |
| Secondary carbon drum leaks?           | Yes  | No   |
| Secondarycarbon drum pressure          | - (  | PSI  |
| Secondary rotated to primary?          | Yes  | No   |
| Polishing carbon drum integrity        | Good | Poor |
| Polishingcarbon drum leaks?            | Yes  | No   |
| Polishing carbon drum pressure         | 0    | PSI  |
| Polishing rotated to secondary?        | Yes  | No   |
| New carbon polishing drum?             | Yes  | ON   |

| 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                    |        |         |  |
| Shed integrity                   | Good   | Poor    |  |
| Shed ventillation acceptable?    | Yes    | No      |  |
| Repairs/work needed?             | Yes    | No      |  |
| Spill evidence?                  | Yes    | No      |  |
| Electrical controls operational? | Yes    | No      |  |
| Heater operational?              | Yes    | No      |  |
| Vault integrity                  | Good   | Poor    |  |
| Repairs needed to vault?         | Yes    | No      |  |
| Sampling                         |        |         |  |
| Sampling performed?              | Yes    | No      |  |
| Sampling event                   | Mnthly | Qtrly   |  |
| Post Carbon 3 sampled @          | 1230   |         |  |
| Post Carbon 2 sampled @          | 1235   |         |  |
| Post Carbon 1 sampled @          | 1240   |         |  |
| Pre Carbon sampled @             | 1245   |         |  |
| Inside/Outside Sump sampled @    | 1255   |         |  |
| Recovery and Dispo               | sal    |         |  |
| Pure DNAPL Recovery              |        | Gallons |  |
| DNAPL / Water Recovery           | _      | Gallons |  |
| DNAPL drums onsite               |        | Drums   |  |
| Spent carbon drums onsite        | 2      | Drums   |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |
| Drums labeled?                   | Yes    | No      |  |
| Drums in storage unit?           | Yes    | No      |  |
| Club Vent System                 |        |         |  |
| Fan Running?                     | Yes    | No      |  |
| Vac at sump enclosure?           | Yes    | No      |  |

Notes:
- Nobody in Club, so sump collected from artside sump-

NYSDEC - Gastown 126 East Niagara St

Technician:

Date:

Totalizer:

Total Pumped:

Weather:

System Status (Arrival):

Up' Down System Status (Departure):

| Up | Down |
|----|------|

| Oil Water Separator  | r      |           |
|--|--------|-----------|
| High level shut-off operational?                               | Yes    | No        |
| Red warning light operational?                                 | Yes    | No        |
| Separator vessel integrity                                     | Good   | Poor      |
| Leaks present?   | Yes    | No        |
| Separator cover and seal integrity                             | Good   | Poor      |
| Decant valve integrity   | Good   | Poor      |
| LNAPL in separator?  | Yes    | No        |
| Separator needs cleaning?                                      | Yes    | No        |
| Separator cleaned?   | Yes    | No        |
| Transfer Pump and Pip  | ing    |           |
| Pump operational?  | Yes    | No        |
| Pump integrity   | Good   | Poor      |
| Flow meter operational?  | Yes    | No        |
| Transfer pump flow rate  | 2.46   | GPM       |
| Filter 1 Pressure @ arrival (In/Out)                           | 17     | 7         |
| Filter 2 Pressure @ arrival(In/Out)                            | $\sim$ | C         |
| Filters changed?   | Yes    | No        |
| Filter 1 Pressure @ departure (In/Out)                         |        |           |
| Filter 2 Pressure @ departure(In/Out)                          |        |           |
| Carbon Drums   |        |           |
| Primary carbon drum integrity                                  | Good   | Poor      |
| Primary carbon drum leaks?                                     | Yes    | No        |
| Primary carbon drum pressure                                   | 4      | PSI       |
| Primary removed for disposal?                                  | Yes    | No        |
| Secondary carbon drum integrity                                | Good   | Poor      |
| Secondary carbon drum leaks?                                   | Yes    | Nø        |
| Secondarycarbon drum pressure                                  | 2      | PSI       |
| Secondary rotated to primary?                                  | Yes    | NG        |
| Polishing carbon drum integrity                                | Good   | Poor      |
| Polishingcarbon drum leaks?                                    | Yes    | No        |
| Polishing carbon drum pressure                                 | 1      | PSI       |
| Polishing rotated to secondary?                                | Yes    | No        |
| New carbon polishing drum?                                     | Yes    | No        |
| Polishing carbon drum pressure Polishing rotated to secondary? | Yes    | PSI<br>No |

| Discharge Piping                 |        |         |  |
|----------------------------------|--------|---------|--|
| Pipe integrity in shed           | Good   | Door    |  |
| Pipe integrity at catch basin    | Good   |         |  |
| Pipe at catch basin clear?       |        | Poor    |  |
| Pipe integrity at creek          | Yes    | No      |  |
|                                  | Good   | Poor    |  |
| Pipe at creek clear?             | Yes    | No      |  |
| Miscellaneous                    |        |         |  |
| Shed integrity                   | Good   | Poor    |  |
| Shed ventillation acceptable?    | Yes    | No      |  |
| Repairs/work needed?             | Yes    | NO      |  |
| Spill evidence?                  | Yes    | No      |  |
| Electrical controls operational? | Yes    | No      |  |
| Heater operational?              | Yes    | No      |  |
| Vault integrity                  | (Good) | Poor    |  |
| Repairs needed to vault?         | Yes    | No      |  |
| Sampling                         |        |         |  |
| Sampling performed?              | Yes    | No)     |  |
| Sampling event                   | Mnthly | Qtrly   |  |
| Post Carbon 3 sampled @          |        |         |  |
| Post Carbon 2 sampled @          |        |         |  |
| Post Carbon 1 sampled @          |        |         |  |
| Pre Carbon sampled @             |        |         |  |
| Inside/Outside Sump sampled @    | 7      |         |  |
| Recovery and Dispo               | sal    |         |  |
| Pure DNAPL Recovery              |        | Gallons |  |
| DNAPL / Water Recovery           | 57mm   | Gallons |  |
| DNAPL drums onsite               |        | Drums   |  |
| Spent carbon drums onsite        | 7      | Drums   |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |
| Drums labeled?                   | Yes    | No      |  |
| Drums in storage unit?           | Yes    | No      |  |
| Club Vent System                 |        |         |  |
| Fan Running?                     | Yes    | No      |  |
| Vac at sump enclosure?           | Yes    | No      |  |
| Table to a mile choice and it is | (103)  | 140     |  |

| Technician: | N.Z       | Totalizer:    | 36729,5 |
|-------------|-----------|---------------|---------|
| Date:       | 31017     | Total Pumped: | 8555.7  |
| Weather:    | 20° chidy |               | 1       |

No

Yes

System Status (Departure):

| System Status (Arrival):               | Up <sup>3</sup> | Down |
|--|-----------------|------|
|  |                 |      |
| Oil Water Separator                    |                 |      |
| High level shut-off operational?       | Yes             | No   |
| Red warning light operational?         | Yes             | No   |
| Separator vessel integrity             | Good            | Poor |
| Leaks present?                         | Yes             | No   |
| Separator cover and seal integrity     | Good            | Poor |
| Decant valve integrity                 | Good            | Poor |
| LNAPL in separator?                    | Yes             | Nø   |
| Separator needs cleaning?              | Yes             | No   |
| Separator cleaned?                     | Yes             | No   |
| Transfer Pump and Pip                  | ing             |      |
| Pump operational?                      | Yes             | No   |
| Pump integrity                         | Good            | Poor |
| Flow meter operational?                | Yes             | No   |
| Transfer pump flow rate                | 2.47            | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 17              | C    |
| Filter 2 Pressure @ arrival(In/Out)    | 7               | 5    |
| Filters changed?                       | Yes             | No   |
| Filter 1 Pressure @ departure (In/Out) | 4               |      |
| Filter 2 Pressure @ departure(In/Out)  |                 |      |
| Carbon Drums                           |                 |      |
| Primary carbon drum integrity          | Good            | Poor |
| Primary carbon drum leaks?             | Yes             | NO   |
| Primary carbon drum pressure           | 4               | PSI  |
| Primary removed for disposal?          | Yes             | Ñø   |
| Secondary carbon drum integrity        | Good            | Poor |
| Secondary carbon drum leaks?           | Yes             | No   |
| Secondarycarbon drum pressure          | 2               | PSI  |
| Secondary rotated to primary?          | Yes             | No   |
| Polishing carbon drum integrity        | Good            | Poor |
| Polishingcarbon drum leaks?            | Yes             | No   |
| Polishing carbon drum pressure         | 1.              | PSI  |
| Polishing rotated to secondary?        | Yes             | No   |

| Discharge Piping                 |        |         |  |  |
|----------------------------------|--------|---------|--|--|
| Pipe integrity in shed           | Good   | Poor    |  |  |
| Pipe integrity at catch basin    | Good   | Poor    |  |  |
| Pipe at catch basin clear?       | Yes    | No      |  |  |
| Pipe integrity at creek          | Goød   | Poor    |  |  |
| Pipe at creek clear?             | Yes    | No      |  |  |
| Miscellaneous                    |        |         |  |  |
| Shed integrity                   | Good   | Poor    |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |
| Repairs/work needed?             | Yes    | No      |  |  |
| Spill evidence?                  | Yes    | No      |  |  |
| Electrical controls operational? | Yes    | No      |  |  |
| Heater operational?              | Yes    | No      |  |  |
| Vault integrity                  | Goød   | Poor    |  |  |
| Repairs needed to vault?         | Yes    | No      |  |  |
| Sampling                         |        |         |  |  |
| Sampling performed?              | Yes    | No      |  |  |
| Sampling event                   | Mnthly | Otrly   |  |  |
| Post Carbon 3 sampled @          |        |         |  |  |
| Post Carbon 2 sampled @          |        |         |  |  |
| Post Carbon 1 sampled @          |        |         |  |  |
| Pre Carbon sampled @             | /      |         |  |  |
| Inside/Outside Sump sampled @    |        |         |  |  |
| Recovery and Dispo               | sal    |         |  |  |
| Pure DNAPL Recovery              | -      | Gallons |  |  |
| DNAPL / Water Recovery           | _      | Gallons |  |  |
| DNAPL drums onsite               | _      | Drums   |  |  |
| Spent carbon drums onsite        | 2      | Drums   |  |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |  |
| Drums labeled?                   | Yes    | No      |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |
| Club Vent System                 |        |         |  |  |
| Fan Running?                     | Yes    | No      |  |  |
| Vac at sump enclosure?           | Yes    | No      |  |  |

Down

New carbon polishing drum?

Notes: Long & half

| Technician:  | MVL<br>3 17 17 |                                       | Totalizer:<br>Total Pumped:           | 45344   |
|--------------|----------------|---------------------------------------|---------------------------------------|---------|
| Weather:     | Sung 201       |                                       | - Chatas (Departure):                 | Up Down |
| System State | us (Arrival):  | C C C C C C C C C C C C C C C C C C C | System Status (Departure):  Discharge |         |

| System Status (Arrivar).               |           |      |
|--|-----------|------|
| Oil Water Separator                    |           |      |
|  | (Yes)     | No   |
| High level shut-off operational?       | Yes       | No   |
| Red warning light operational?         | Good      | Poor |
| Separator vessel integrity             | Yes       | No   |
| Leaks present?                         | Good      | Poor |
| Separator cover and seal integrity     | Good      | Poor |
| Decant valve integrity                 | Yes       | No   |
| LNAPL in separator?                    | Yes       | No   |
| Separator needs cleaning?              | Yes       | No   |
| Separator cleaned?                     |           | 0    |
| Transfer Pump and Pipi                 | (Yes)     | No   |
| Pump operational?                      | Good      | Poor |
| Pump integrity                         | Yes       | No   |
| Flow meter operational?                |           | GPM  |
| Transfer pump flow rate                | 2,48      | 7    |
| Filter 1 Pressure @ arrival (In/Out)   | 17        | 6    |
| Filter 2 Pressure @ arrival(In/Out)    | Yes       | No   |
| Filters changed?                       |           | 1    |
| Filter 1 Pressure @ departure (In/Out) |           |      |
| Filter 2 Pressure @ departure(In/Out)  |           |      |
| Carbon Drums                           | Good      | Poor |
| Primary carbon drum integrity          | Yes       | (No) |
| Primary carbon drum leaks?             | 163       | PSI  |
| Primary carbon drum pressure           | ,5<br>Var | (No) |
| Primary removed for disposal?          | Yes       |      |
| Secondary carbon drum integrity        | Good      | No   |
| Secondary carbon drum leaks?           | Yes       | PSI  |
| Secondarycarbon drum pressure          | Vac       | No   |
| Secondary rotated to primary?          | Yes       |      |
| Polishing carbon drum integrity        |           | -    |
| Polishingcarbon drum leaks?            | Yes       | PSI  |
| Polishing carbon drum pressure         |           |      |
| Polishing rotated to secondary?        | Yes       |      |
| New carbon polishing drum?             | Yes       | No   |

| System Status (Departure):                                | (db)   | 00      |
|---|--------|---------|
| Discharge Piping  |        |         |
|   | Good)  | Poor    |
| Pipe integrity in shed                                    | Good   | Poor    |
| Pipe integrity at catch basin                             | Yes    | No      |
| Pipe at catch basin clear?                                | Good   | Poor    |
| Pipe integrity at creek                                   | (Yes)  | No      |
| Pipe at creek clear?  Miscellaneous                       |        |         |
|   | Good   | Poor    |
| Shed integrity Shed ventillation acceptable?              | Yes    | No      |
| Shed ventiliation acceptable.                             | Yes    | NO      |
| Repairs/work needed?                                      | Yes    | No      |
| Spill evidence?   | Yes    | No      |
| Electrical controls operational?                          | Yes    | No      |
| Heater operational?                                       | Good   | Poor    |
| Vault integrity   | Yes    | No      |
| Repairs needed to vault?  Sampling                        |        |         |
|   | Yes    | No      |
| Sampling performed?                                       | Mnthly | Qtrly   |
| Sampling event  |        |         |
| Post Carbon 3 sampled @ 0930 Post Carbon 2 sampled @ 0940 | 1940   |         |
| Post Carbon 2 sampled @ Of SD                             | 1050   |         |
| Proc Carbon 1 sampled @ OF STO                            |        |         |
|   |        | 015     |
| Inside/Outside Sump sampled @  Recovery and Dis           |        |         |
|   |        | Gallons |
| Pure DNAPL Recovery                                       | _      | Gallons |
| DNAPL / Water Recovery                                    | +      | Drums   |
| DNAPL drums onsite  | 7.     | Drums   |
| Spent carbon drums onsite                                 | 1      | Drums   |
| PPE/Solids drums onsite                                   | Yes    | No      |
| Drums labeled?  | Yes    | No      |
| Drums in storage unit?  Club Vent Syst                    |        |         |
|   | Yes    | No      |
| Fan Running?  | Yes    |         |
| Vac at sump enclosure?                                    |        |         |

| Technician: | W.          | Totalizer:    | 49744.9 |
|-------------|-------------|---------------|---------|
| Date:       | 3/24/17     | Total Pumped: | 8481    |
| Weather:    | 40: lyld mi |               |         |
|             |             | <del>_</del>  |         |

| System Status (Arrival):               | Up   | Down      | System Status (Departure):     |
|--|------|-----------|--------------------------------|
| Oil Water Separator                    |      | Discharge |                                |
| High level shut-off operational?       | Yes  | No        | Pipe integrity in shed         |
| Red warning light operational?         | Yes  | No        | Pipe integrity at catch basin  |
| Separator vessel integrity             | Good | Poor      | Pipe at catch basin clear?     |
| Leaks present?                         | Yes  | No        | Pipe integrity at creek        |
| Separator cover and seal integrity     | Good | Poor      | Pipe at creek clear?           |
| Decant valve integrity                 | Good | Poor      | Miscellan                      |
| LNAPL in separator?                    | Yes  | No        | Shed integrity                 |
| Separator needs cleaning?              | Yes  | NO        | Shed ventillation acceptable   |
| Separator cleaned?                     | Yes  | No        | Repairs/work needed?           |
| Transfer Pump and Pipi                 | ing  |           | Spill evidence?                |
| Pump operational?                      | Yes  | No        | Electrical controls operations |
| Pump integrity                         | Good | Poor      | Heater operational?            |
| Flow meter operational?                | Yes  | No        | Vault integrity                |
| Transfer pump flow rate                | 2,49 | GPM       | Repairs needed to vault?       |
| Filter 1 Pressure @ arrival (In/Out)   | 17   | 7         | Sampli                         |
| Filter 2 Pressure @ arrival(In/Out)    | 8    | . 6       | Sampling performed?            |
| Filters changed?                       | Yes  | No        | Sampling event                 |
| Filter 1 Pressure @ departure (In/Out) |      |           | Post Carbon 3 sampled @        |
| Filter 2 Pressure @ departure(In/Out)  |      |           | Post Carbon 2 sampled @        |
| Carbon Drums                           |      |           | Post Carbon 1 sampled @        |
| Primary carbon drum integrity          | Good | Poor      | Pre Carbon sampled @           |
| Primary carbon drum leaks?             | Yes  | No        | Inside/Outside Sump sample     |
| Primary carbon drum pressure           | 4    | PSI       | Recovery and                   |
| Primary removed for disposal?          | Yes  | No        | Pure DNAPL Recovery            |
| Secondary carbon drum integrity        | Good | Poor      | DNAPL / Water Recovery         |
| Secondary carbon drum leaks?           | Yes  | No        | DNAPL drums onsite             |
| Secondarycarbon drum pressure          | 2    | PSI       | Spent carbon drums onsite      |
| Secondary rotated to primary?          | Yes  | No        | PPE/Solids drums onsite        |
| Polishing carbon drum integrity        | Good | Poor      | Drums labeled?                 |
| Polishingcarbon drum leaks?            | Yes  | No        | Drums in storage unit?         |
| Polishing carbon drum pressure         | ì    | PSI       | Club Vent S                    |
| Polishing rotated to secondary?        | Yes  | No        | Fan Running?                   |
| New carbon polishing drum?             | Yes  | No        | Vac at sump enclosure?         |

| Discharge Pipin                  | g      |         |  |  |
|----------------------------------|--------|---------|--|--|
| 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                    |        |         |  |  |
| Shed integrity                   | Good   | Poor    |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |
| Repairs/work needed?             | Yes    | Nø      |  |  |
| Spill evidence?                  | Yes    | No      |  |  |
| Electrical controls operational? | Yes    | No      |  |  |
| Heater operational?              | Yes    | No      |  |  |
| Vault integrity                  | Good   | Poor    |  |  |
| Repairs needed to vault?         | Yes    | No      |  |  |
| Sampling                         |        |         |  |  |
| Sampling performed?              | Yes    | No      |  |  |
| Sampling event                   | Mnthly | Qtrly   |  |  |
| Post Carbon 3 sampled @          |        |         |  |  |
| Post Carbon 2 sampled @          |        |         |  |  |
| Post Carbon 1 sampled @          |        |         |  |  |
| Pre Carbon sampled @             | /      |         |  |  |
| Inside/Outside Sump sampled @    |        |         |  |  |
| Recovery and Dispo               | sal    |         |  |  |
| Pure DNAPL Recovery              |        | Gallons |  |  |
| DNAPL / Water Recovery           |        | Gallons |  |  |
| DNAPL drums onsite               |        | Drums   |  |  |
| Spent carbon drums onsite        | 2      | Drums   |  |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |  |
| Drums labeled?                   | Yes    | No      |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |
| Club Vent System                 |        |         |  |  |
| Fan Running?                     | Yes    | No      |  |  |
| Vac at sump enclosure?           | Yes    | No      |  |  |
|                                  |        |         |  |  |

**Notes:** 

Down

| Technician:   | _ MR         |           | Totalizer:                 | 63573.7   |
|---------------|--------------|-----------|----------------------------|-----------|
| Date:         | _ 3 31 17    |           | Total Pumped:              | 13828.8   |
| Weather:      | light sun    | 42%       |                            |           |
| System Status | s (Arrival): | (Up) Down | System Status (Departure): | (Up) Down |

| Leaks present?  Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure @ departure (In/Out)  Filter 7 Pressure @ departure (In/Out)  Filter 8 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure @ Poor  Filter 7 Pressure @ Poor  Filter 9 Pres | 7                                      |        |          |  |  |
|--|--|--------|----------|--|--|
| High level shut-off operational?  Red warning light operational?  Red warning light operational?  Separator vessel integrity  Leaks present?  Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Poor  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Poor  Primary carbon drum leaks?  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Yes  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Yes  Secondary carbon drum leaks?  Yes  Secondary carbon drum pressure  Z PSI  | 1                                      |        |          |  |  |
| Red warning light operational?  Separator vessel integrity  Leaks present?  Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Yes  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Primary carbon drum integrity  Primary carbon drum leaks?  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum leaks?  Yes  Secondary carbon drum pressure  Z PSI  |  |        |          |  |  |
| Separator vessel integrity  Leaks present?  Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure @ departure (In/Out)  Filter 7 Pressure @ departure (In/Out)  Filter 8 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure @ Poor  Filter 7 Pressure @ Poor  Filter 8 Pressure @ Poor  Filter 9 Pres |  |        | -        |  |  |
| Leaks present?  Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Pump integrity  Pump integrity  Filow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure @ departure (In/Out)  Filter 7 Pressure @ departure (In/Out)  Filter 8 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure @ Poor  Filter 7 Pressure @ departure (In/Out)  Filter 8 Pressure @ Poor  Filter 9 Pressure @ Po |  | 1 7    | No       |  |  |
| Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Separator cleaned?  Filter 1 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Z PSI   |  | Good   | Poor     |  |  |
| Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Poor  Secondary carbon drum pressure  Z PSI  | Leaks present?                         | Yes    | 40       |  |  |
| LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  Secondary carbon drum pressure  PSI  Secondary carbon drum pressure  Z PSI  |  | Good   | Poor     |  |  |
| Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Poor  Primary carbon drum integrity  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum pressure  PSI  Secondary carbon drum leaks?  Secondary carbon drum pressure  Z PSI  Secondary carbon drum pressure  Z PSI   | Decant valve integrity                 | Good   | Poor     |  |  |
| Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filters changed?  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Yes  Secondary carbon drum leaks?  Yes  Secondary carbon drum pressure  Z PSI   | LNAPL in separator?                    | Yes    | 64       |  |  |
| Pump operational? Pump integrity Poor Flow meter operational? Transfer pump flow rate Filter 1 Pressure @ arrival (In/Out) Filter 2 Pressure @ arrival(In/Out) Filter 1 Pressure @ departure (In/Out) Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity Primary carbon drum leaks? Primary removed for disposal? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure  Z PSI Secondary carbon drum pressure  | Separator needs cleaning?              | Yes    | ₩.       |  |  |
| Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Yes  Secondary carbon drum pressure  Z  PSI   | Separator cleaned?                     | Yes    | No       |  |  |
| Pump integrity Flow meter operational? Transfer pump flow rate Filter 1 Pressure @ arrival (In/Out) Filter 2 Pressure @ arrival(In/Out) Filter 1 Pressure @ departure (In/Out) Filter 2 Pressure @ departure (In/Out) Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity Primary carbon drum leaks? Primary removed for disposal? Secondary carbon drum leaks? Secondary carbon drum pressure Secondary carbon drum leaks? Secondary carbon drum pressure   | Transfer Pump and Pipi                 | ng     |          |  |  |
| Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Yes  Secondary carbon drum leaks?  Yes  Secondary carbon drum pressure  PSI  Poor  Secondary carbon drum leaks?  Yes  Secondary carbon drum pressure  PSI  Poor  Secondary carbon drum leaks?  PSI  PSI  PSI  PSI  PSI  PSI  PSI  PS   | Pump operational?                      | (Yes   | No       |  |  |
| Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Poor  Secondary carbon drum leaks?  Poor  Secondary carbon drum leaks?  Poor  Poo | Pump integrity                         | GOOD   | Poor     |  |  |
| Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Poor  Poor  Poor  Secondary carbon drum integrity  Soor Poor  Secondary carbon drum leaks?  PSI  PSI  PSI  PSI  PSI  PSI  PSI  PS   | Flow meter operational?                | Yes    | No       |  |  |
| Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Poor  Poor  Poor  Secondary carbon drum integrity  Sood Poor  Secondary carbon drum leaks?  PSI  Secondary carbon drum pressure  Z PSI   | Transfer pump flow rate                | 2.28   | GPM      |  |  |
| Filter 2 Pressure @ arrival(In/Out) Filters changed? Filter 1 Pressure @ departure (In/Out) Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity Primary carbon drum leaks? Primary carbon drum pressure Primary removed for disposal? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure PSI Secondary carbon drum leaks? Secondary carbon drum pressure PSI Secondary carbon drum leaks? Secondary carbon drum pressure PSI  | Filter 1 Pressure @ arrival (In/Out)   | 17     | 9        |  |  |
| Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Z PSI  | Filter 2 Pressure @ arrival(In/Out)    | 8      | ウ        |  |  |
| Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity Primary carbon drum leaks? Primary carbon drum pressure Primary removed for disposal? Secondary carbon drum integrity Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure Poor Secondary carbon drum leaks? Secondary carbon drum pressure Poor Poor Poor Poor Poor Poor Poor Po   | Filters changed?                       | Yes    | (N))     |  |  |
| Carbon Drums  Primary carbon drum integrity Primary carbon drum leaks? Primary carbon drum pressure Primary removed for disposal? Secondary carbon drum integrity Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure Poor Secondary carbon drum pressure Poor Poor Poor Poor Poor Poor Poor Po   | Filter 1 Pressure @ departure (In/Out) |        |          |  |  |
| Primary carbon drum integrity Primary carbon drum leaks? Primary carbon drum pressure Primary removed for disposal? Secondary carbon drum integrity Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure Poor Poor Poor Poor Poor Poor Poor Po   | Filter 2 Pressure @ departure(In/Out)  |        |          |  |  |
| Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum pressure  Z  PSI  PSI  PSI  PSI  PSI  PSI  PSI   | Carbon Drums                           |        |          |  |  |
| Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  Poor  P | Primary carbon drum integrity          | (600d) | Роог     |  |  |
| Primary removed for disposal?  Secondary carbon drum integrity Secondary carbon drum leaks?  Secondary carbon drum pressure  Z PSI   | Primary carbon drum leaks?             | Yes    | 10       |  |  |
| Primary removed for disposal?  Secondary carbon drum integrity Secondary carbon drum leaks?  Secondary carbon drum pressure  Z  PSI  | Primary carbon drum pressure           | 6      | PSI      |  |  |
| Secondary carbon drum leaks?  Yes Secondarycarbon drum pressure Z PSI  | Primary removed for disposal?          | _      | (10)     |  |  |
| Secondarycarbon drum pressure Z PSI  | Secondary carbon drum integrity        | GOOD   | Poor     |  |  |
|  | Secondary carbon drum leaks?           | Yes    | 616      |  |  |
| Secondary rotated to primary?  | Secondarycarbon drum pressure          | Z.     | PSI      |  |  |
| itali y i otatea to primary i  | Secondary rotated to primary?          | Yes    | (NO)     |  |  |
| Polishing carbon drum integrity Good Poor  | Polishing carbon drum integrity        | Good   |          |  |  |
| Polishingcarbon drum leaks? Yes No   |  | Yes    | N⁄o>     |  |  |
| Polishing carbon drum pressure / PSI   | Polishing carbon drum pressure         | 1      | PSI      |  |  |
| Polishing rotated to secondary? Yes  | Polishing rotated to secondary?        | Yes    | <b>D</b> |  |  |
| New carbon poliching drum?   | New carbon polishing drum?             | Yes    | No       |  |  |

| Discharge Piping                 |        |         |  |  |  |
|----------------------------------|--------|---------|--|--|--|
| Pipe integrity in shed           | Good   | Poor    |  |  |  |
| Pipe integrity at catch basin    | Good   |         |  |  |  |
| Pipe at catch basin clear?       | Tes    | No      |  |  |  |
| Pipe integrity at creek          | 6000   |         |  |  |  |
| Pipe at creek clear?             | (Yes   | No      |  |  |  |
| Miscellaneous                    |        |         |  |  |  |
| Shed integrity                   | Good   | Poor    |  |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |  |
| Repairs/work needed?             | Yes    | No      |  |  |  |
| Spill evidence?                  | Yes    | MO      |  |  |  |
| Electrical controls operational? | Yes)   | No      |  |  |  |
| Heater operational?              | (Yes   | No      |  |  |  |
| Vault integrity                  | 600    | Poor    |  |  |  |
| Repairs needed to vault?         | Yes    | 10      |  |  |  |
| Sampling                         |        |         |  |  |  |
| Sampling performed?              | Yes    | No )    |  |  |  |
| Sampling event                   | Mnthly | Qtrky   |  |  |  |
| Post Carbon 3 sampled @          |        |         |  |  |  |
| Post Carbon 2 sampled @          |        |         |  |  |  |
| Post Carbon 1 sampled @          | 1      |         |  |  |  |
| Pre Carbon sampled @             |        |         |  |  |  |
| Inside/Outside Sump sampled @    |        |         |  |  |  |
| Recovery and Disposal            |        |         |  |  |  |
| Pure DNAPL Recovery              |        | Gallons |  |  |  |
| DNAPL / Water Recovery           | )      | Gallons |  |  |  |
| DNAPL drums onsite               |        | Drums   |  |  |  |
| Spent carbon drums onsite        | 2      | Drums   |  |  |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |  |  |
| Drums labeled?                   | leg.   | No      |  |  |  |
| Drums in storage unit?           | (es    | No      |  |  |  |
| Club Vent System                 | )      |         |  |  |  |
| Fan Running?                     |        |         |  |  |  |
| Vac at sump enclosure?           | Yes    | No      |  |  |  |

| Technician:   | MC           | Totalizer:                         | 77119.2      |
|---------------|--------------|------------------------------------|--------------|
| Date:         | 4/6/17       | Total Pumped                       | 13545.5      |
| Weather:      | 500 + vary   |                                    |              |
| System Status | s (Arrival): | (Up) Down System Status (Departure | e): (Up Down |

| Oil Water Separator                    |        |      |  |  |
|--|--------|------|--|--|
| High level shut-off operational?       | Yes    | No   |  |  |
| Red warning light operational?         | Yes    | No   |  |  |
| Separator vessel integrity             | Good   | Poor |  |  |
| Leaks present?                         | Yes    | W    |  |  |
| Separator cover and seal integrity     | Good   | Poor |  |  |
| Decant valve integrity                 | Goød   | Poor |  |  |
| LNAPL in separator?                    | Yes    | No   |  |  |
| Separator needs cleaning?              | Yes    | Nø   |  |  |
| Separator cleaned?                     | Yes    | No   |  |  |
| Transfer Pump and Pipi                 | ng     |      |  |  |
| Pump operational?                      | Yes    | No   |  |  |
| Pump integrity                         | Good   | Poor |  |  |
| Flow meter operational?                | Yes    | No   |  |  |
| Transfer pump flow rate                | 229/34 | GPM  |  |  |
| Filter 1 Pressure @ arrival (In/Out)   | 20     | in . |  |  |
| Filter 2 Pressure @ arrival(In/Out)    | 12     | 10   |  |  |
| Filters changed?                       | Yes    | No   |  |  |
| Filter 1 Pressure @ departure (In/Out) | 21     | 10   |  |  |
| Filter 2 Pressure @ departure(In/Out)  | 12     | 8    |  |  |
| Carbon Drums                           |        |      |  |  |
| Primary carbon drum integrity          | Good   | Poor |  |  |
| Primary carbon drum leaks?             | Yes    | No   |  |  |
| Primary carbon drum pressure           | 8/6    | PSI  |  |  |
| Primary removed for disposal?          | Yes    | No   |  |  |
| Secondary carbon drum integrity        | Good   | Poor |  |  |
| Secondary carbon drum leaks?           | Yes    | No   |  |  |
| Secondarycarbon drum pressure          | 1/3    | PSI  |  |  |
| Secondary rotated to primary?          | Yes    | No   |  |  |
| Polishing carbon drum integrity        | Good   | Poor |  |  |
| Polishingcarbon drum leaks?            | Yes    | No   |  |  |
| Polishing carbon drum pressure         | 1/1    | PSI  |  |  |
| Polishing rotated to secondary?        | Yes    | Ñø   |  |  |
| New carbon polishing drum?             | Yes    | No   |  |  |
| Notes                                  |        |      |  |  |

| Discharge Pipin                  |        | ,        |  |  |
|----------------------------------|--------|----------|--|--|
| 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                    | 1      |          |  |  |
| Shed integrity                   | Good   | Poor     |  |  |
| Shed ventillation acceptable?    | Yes    | No       |  |  |
| Repairs/work needed?             | Yes    | <b>M</b> |  |  |
| Spill evidence?                  | Yes    | No       |  |  |
| Electrical controls operational? | Yes    | No       |  |  |
| Heater operational?              | Yes    | No       |  |  |
| Vault integrity                  | Good   | Poor     |  |  |
| Repairs needed to vault?         | Yes    | No       |  |  |
| Sampling                         |        |          |  |  |
| Sampling performed?              | Yes    | No       |  |  |
| Sampling event                   | Mnthly | Qtrly    |  |  |
| Post Carbon 3 sampled @          |        |          |  |  |
| Post Carbon 2 sampled @          |        |          |  |  |
| Post Carbon 1 sampled @          |        |          |  |  |
| Pre Carbon sampled @             |        |          |  |  |
| Inside/Outside Sump sampled @    |        |          |  |  |
| Recovery and Disposal            |        |          |  |  |
| Pure DNAPL Recovery              | -      | Gallons  |  |  |
| DNAPL / Water Recovery           |        | Gallons  |  |  |
| DNAPL drums onsite               |        | Drums    |  |  |
| Spent carbon drums onsite        | 2      | Drums    |  |  |
| PPE/Solids drums onsite          | 1      | Drums    |  |  |
| Drums labeled?                   | Yes    | No       |  |  |
| Drums in storage unit?           | Yes    | No       |  |  |
| Club Vent Syster                 | n      |          |  |  |
| Fan Running?                     |        | _        |  |  |
|                                  | Yes    | No       |  |  |

| Technician:  | MYZ          |         | Totalizer:    | 85919.4 |
|--------------|--------------|---------|---------------|---------|
| Date:        | 4/13/17      |         | Total Pumped: | 8820,2  |
| Weather:     | 403 Sunny    |         |               |         |
| System Statu | s (Arrival): | Up Down |               | Up Down |

| Oil Water Separator                    |             |       |
|--|-------------|-------|
| High level shut-off operational?       | Yes         | No    |
| Red warning light operational?         | Yes         | No    |
| Separator vessel integrity             |             | Poor  |
| Leaks present?                         | Good<br>Yes | No    |
|  |             |       |
| Separator cover and seal integrity     | Good        | Poor  |
| Decant valve integrity                 | Good        | Poor  |
| LNAPL in separator?                    | Yes         | No    |
| Separator needs cleaning?              | Yes         | No    |
| Separator cleaned?                     | Yes         | No    |
| Transfer Pump and Pip                  | ing         |       |
| Pump operational?                      | Yes         | No    |
| Pump integrity                         | Good        | Poor  |
| Flow meter operational?                | Yes         | No    |
| Transfer pump flow rate                | 2.98        | GPM   |
| Filter 1 Pressure @ arrival (In/Out)   | 18          | 9     |
| Filter 2 Pressure @ arrival(In/Out)    | 5           | 7.    |
| Filters changed?                       | Yes         | No    |
| Filter 1 Pressure @ departure (In/Out) |             |       |
| Filter 2 Pressure @ departure(In/Out)  |             |       |
| Carbon Drums                           |             |       |
| Primary carbon drum integrity          | Good        | Poor  |
| Primary carbon drum leaks?             | Yes         | No    |
| Primary carbon drum pressure           | 5           | PSI   |
| Primary removed for disposal?          | Yes         | (No ) |
| Secondary carbon drum integrity        | Good        | Poor  |
| Secondary carbon drum leaks?           | Yes         | No    |
| Secondarycarbon drum pressure          | 7_          | PSI   |
| Secondary rotated to primary?          | Yes         | No    |
| Polishing carbon drum integrity        | Good        | Poor  |
| Polishingcarbon drum leaks?            | Yes         | NO    |
| Polishing carbon drum pressure         | /           | PSI   |
| Polishing rotated to secondary?        | Yes         | No    |
| New carbon polishing drum?             | Yes         | No    |
| Notes:                                 | . 55        |       |

| Discharge Pipin                  | g        |         |  |  |
|----------------------------------|----------|---------|--|--|
| 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                    |          |         |  |  |
| Shed integrity                   | Good     | Poor    |  |  |
| Shed ventillation acceptable?    | Yes      | No      |  |  |
| Repairs/work needed?             | Yes      | No      |  |  |
| Spill evidence?                  | Yes      | No      |  |  |
| Electrical controls operational? | Yes      | No      |  |  |
| Heater operational?              | Yes      | No      |  |  |
| Vault integrity                  | Good     | Poor    |  |  |
| Repairs needed to vault?         | Yes      | No      |  |  |
| Sampling                         |          |         |  |  |
| Sampling performed?              | Yes      | No      |  |  |
| Sampling event                   | Mnthly   | Qtrly   |  |  |
| Post Carbon 3 sampled @          |          |         |  |  |
| Post Carbon 2 sampled @          |          |         |  |  |
| Post Carbon 1 sampled @          |          |         |  |  |
| Pre Carbon sampled @             | /        |         |  |  |
| Inside/Outside Sump sampled @    | (        |         |  |  |
| Recovery and Dispo               | osal     |         |  |  |
| Pure DNAPL Recovery              |          | Gallons |  |  |
| DNAPL / Water Recovery           |          | Gallons |  |  |
| DNAPL drums onsite               | _        | Drums   |  |  |
| Spent carbon drums onsite        | 2        | Drums   |  |  |
| PPE/Solids drums onsite          | 1        | Drums   |  |  |
| Drums labeled?                   | Yes      | No      |  |  |
| Drums in storage unit?           | Yes      | No      |  |  |
| Club Vent Systen                 | <u> </u> |         |  |  |
| Fan Running? Yes No              |          |         |  |  |
| Vac at sump enclosure?           | Yes      | No      |  |  |
|                                  |          |         |  |  |

| Technician:   | ML,         |          | Totalizer:                 | 85958.4     |
|---------------|-------------|----------|----------------------------|-------------|
| Date:         | 4/21/17     |          | Total Pumped:              | < 40 gellon |
| Weather:      | 50'i Clardy |          | _                          | 0           |
| System Status | s (Arrival) | Un' Down | System Status (Denarture): | Up Down     |

| Oil Water Separator                    |      |      |
|--|------|------|
| High level shut-off operational?       | Yes? | No   |
| Red warning light operational?         | Yes  | No   |
| Separator vessel integrity             | Good | Poor |
| Leaks present?                         | Yes  | No   |
| Separator cover and seal integrity     | Good | Poor |
| Decant valve integrity                 | Good | Poor |
| LNAPL in separator?                    | Yes  | No   |
| Separator needs cleaning?              | Yes  | No   |
| Separator cleaned?                     | Yes  | NO   |
| Transfer Pump and Pipi                 | ng   |      |
| Pump operational?                      | Yes  | No   |
| Pump integrity                         | Good | Poor |
| Flow meter operational?                | Yes  | No   |
| Transfer pump flow rate                | 2,98 | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 17   | 8    |
| Filter 2 Pressure @ arrival(In/Out)    | 9    | 7    |
| Filters changed?                       | Yes  | No   |
| Filter 1 Pressure @ departure (In/Out) |      |      |
| Filter 2 Pressure @ departure(In/Out)  |      |      |
| Carbon Drums                           |      |      |
| Primary carbon drum integrity          | Good | Poor |
| Primary carbon drum leaks?             | Yes  | MO   |
| Primary carbon drum pressure           | 5    | PSI  |
| Primary removed for disposal?          | Yes  | Wo   |
| Secondary carbon drum integrity        | Good | Poor |
| Secondary carbon drum leaks?           | Yes  | NO   |
| Secondarycarbon drum pressure          | 2    | PSI  |
| Secondary rotated to primary?          | Yes  | NO   |
| Polishing carbon drum integrity        | Good | Poor |
| Polishingcarbon drum leaks?            | Yes  | NO   |
| Polishing carbon drum pressure         | 7    | PSI  |
| Polishing rotated to secondary?        | Yes  | No   |
| New carbon polishing drum?             | Yes  | NO   |
| Notes:                                 |      |      |

| Discharge Pipin                  | g      |         |  |  |
|----------------------------------|--------|---------|--|--|
| 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                    |        |         |  |  |
| Shed integrity                   | Good   | Poor    |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |
| Repairs/work needed?             | Yes    | No      |  |  |
| Spill evidence?                  | Yes    | No      |  |  |
| Electrical controls operational? | Yes    | No      |  |  |
| Heater operational?              | Yes    | No      |  |  |
| Vault integrity                  | Good   | Poor    |  |  |
| Repairs needed to vault?         | Yes    | No      |  |  |
| Sampling                         |        |         |  |  |
| Sampling performed?              | Yes    | No      |  |  |
| Sampling event                   | Mnthly | Qtrly   |  |  |
| Post Carbon 3 sampled @          | 1100   |         |  |  |
| Post Carbon 2 sampled @          | 1100   |         |  |  |
| Post Carbon 1 sampled @          | 1110   |         |  |  |
| Pre Carbon sampled @             | 1115   |         |  |  |
| Inside/Outside Sump sampled @    | 1130   |         |  |  |
| Recovery and Disposal            |        |         |  |  |
| Pure DNAPL Recovery              | -      | Gallons |  |  |
| DNAPL / Water Recovery           | ~      | Gallons |  |  |
| DNAPL drums onsite               | 0      | Drums   |  |  |
| Spent carbon drums onsite        | 2      | Drums   |  |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |  |
| Drums labeled?                   | Yes    | No      |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |
| Club Vent System                 | n      |         |  |  |
| Fan Running?                     | Yes    | No      |  |  |
| Vac at sump enclosure?           | Yes    | No      |  |  |

| Technician:   | mu           |         | Totalizer:                 | 94327.1 |
|---------------|--------------|---------|----------------------------|---------|
| Date:         | 4/28/17      |         | Total Pumped:              | 13369.0 |
| Weather:      | Clar of 50:  |         | _                          |         |
| System Status | s (Arrival): | Up Down | System Status (Departure): | Up Down |

| Leaks present?  Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Yes  No  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 6 Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary rotated to primary?  Yes  No   |  |      |      |  |
|--|--|------|------|--|
| Red warning light operational?  Separator vessel integrity  Leaks present?  Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Yes  Separator cleaned?  Pump operational?  Pump operational?  Pump integrity  Flow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Primary carbon drum integrity  Primary carbon drum pressure  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  Secondary carbon drum pressure  Secondary carbon drum pressure  PSI  Secondary rotated to primary?  Yes  No  | Oil Water Separator                    |      |      |  |
| Separator vessel integrity  Leaks present?  Separator cover and seal integrity  Decant valve integrity  Event In Separator?  Separator needs cleaning?  Separator cleaned?  Poor Integrity  Flow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure @ departure (In/Out)  Filter 7 Pressure @ departure (In/Out)  Filter 8 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Poor Poor Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Yes  No  Secondary carbon drum pressure  Secondary carbon drum pressure  PSI  Secondary rotated to primary?  Yes  No  | High level shut-off operational?       | Yes  | No   |  |
| Leaks present?  Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Yes  No  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary rotated to primary?  Yes  No   | Red warning light operational?         | Yes  | No   |  |
| Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary rotated to primary?  Yes  No  | Separator vessel integrity             | Good | Poor |  |
| Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary rotated to primary?  Yes  No  Secondary rotated to primary?  Yes  No   | Leaks present?                         | Yes  | No   |  |
| LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Primary carbon drum integrity  Primary carbon drum leaks?  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum pressure  Secondary carbon drum pressure  Secondary rotated to primary?  Yes  No   | Separator cover and seal integrity     | Good | Poor |  |
| Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure 8 PSI  Primary carbon drum integrity 9 Poor  Primary carbon drum pressure 9 PSI  Primary removed for disposal? Yes No  Secondary carbon drum leaks? Yes No  Secondary carbon drum pressure 9 PSI  Secondary rotated to primary? Yes No  | Decant valve integrity                 | Good | Poor |  |
| Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary rotated to primary?  Yes  No   | LNAPL in separator?                    | Yes  | No   |  |
| Pump operational? Pump integrity Flow meter operational? Filter 1 Pressure @ arrival (In/Out) Filter 2 Pressure @ departure (In/Out) Filter 1 Pressure @ departure (In/Out) Filter 2 Pressure @ departure (In/Out) Filter 2 Pressure @ departure (In/Out) Filter 3 Pressure @ departure (In/Out) Filter 4 Pressure @ departure (In/Out) Filter 5 Pressure @ departure (In/Out) Filter 6 Primary carbon drum integrity Frimary carbon drum leaks? Frimary carbon drum pressure Frimary removed for disposal? Fecondary carbon drum leaks? Fecondary carbon drum leaks? Fecondary carbon drum leaks? Fecondary carbon drum leaks? Fecondary carbon drum pressure  | Separator needs cleaning?              | Yes  | Ne   |  |
| Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Poor  Poor | Separator cleaned?                     | Yes  | No   |  |
| Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum leaks?  Secondary carbon drum pressure  | Transfer Pump and Pipi                 | ng   |      |  |
| Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  Secondary rotated to primary?  Yes  No   | Pump operational?                      | Yes  | No   |  |
| Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary rotated to primary?  Yes  | Pump integrity                         | Good | Poor |  |
| Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  Secondary rotated to primary?  Yes  No   | Flow meter operational?                | Yes  | No   |  |
| Filter 2 Pressure @ arrival(In/Out)  Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  Secondary carbon drum pressure  PSI  Secondary carbon drum pressure  PSI  Secondary rotated to primary?  Yes  No   | Transfer pump flow rate                | 2.79 | GPM  |  |
| Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  Secondary carbon drum pressure  PSI  Secondary carbon drum pressure  PSI  Secondary rotated to primary?  Yes  No  | Filter 1 Pressure @ arrival (In/Out)   | 17   | 8    |  |
| Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  Secondary carbon drum pressure  PSI  Secondary carbon drum pressure  PSI  Secondary rotated to primary?  Yes  No   | Filter 2 Pressure @ arrival(In/Out)    | 8    | )    |  |
| Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum pressure  PSI  Secondary carbon drum pressure  PSI  Secondary rotated to primary?  Yes  No   | Filters changed?                       | Yes  | No   |  |
| Carbon Drums  Primary carbon drum integrity Good Poor Primary carbon drum leaks? Yes No Primary carbon drum pressure PSI Primary removed for disposal? Yes No Secondary carbon drum integrity Good Poor Secondary carbon drum leaks? Yes No Secondary carbon drum pressure PSI Secondary carbon drum pressure PSI Secondary rotated to primary? Yes No   | Filter 1 Pressure @ departure (In/Out) |      |      |  |
| Primary carbon drum integrity Primary carbon drum leaks? Primary carbon drum pressure Primary removed for disposal? Secondary carbon drum integrity Secondary carbon drum leaks? Secondary carbon drum pressure Secondary carbon drum pressure Secondary carbon drum pressure Secondary rotated to primary?  Yes No  | Filter 2 Pressure @ departure(In/Out)  |      |      |  |
| Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  Secondary carbon drum pressure  PSI  Secondary rotated to primary?  Yes  No   |  |      |      |  |
| Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum pressure  PSI  Secondary rotated to primary?  Yes  No  | Primary carbon drum integrity          | Good | Poor |  |
| Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  Secondary rotated to primary?  Yes  Yes  No   | Primary carbon drum leaks?             | Yes  | No   |  |
| Secondary carbon drum integrity Secondary carbon drum leaks? Secondary carbon drum pressure Secondary rotated to primary?  Yes  No   | Primary carbon drum pressure           | 5    | PSI  |  |
| Secondary carbon drum leaks?  Secondarycarbon drum pressure  PSI Secondary rotated to primary?  Yes  No  | Primary removed for disposal?          | Yes  | No   |  |
| Secondary carbon drum pressure 2 PSI Secondary rotated to primary? Yes No  | Secondary carbon drum integrity        | Good | Poor |  |
| Secondary rotated to primary? Yes No   | Secondary carbon drum leaks?           | Yes  | NO   |  |
|  | Secondarycarbon drum pressure          | 2    | PSI  |  |
|  | Secondary rotated to primary?          | Yes  | No   |  |
| Polishing carbon drum integrity Good Poor  | Polishing carbon drum integrity        | Good | Poor |  |
| Polishingcarbon drum leaks? Yes No   | Polishingcarbon drum leaks?            | Yes  | NO   |  |
| Polishing carbon drum pressure / PSI   | Polishing carbon drum pressure         | 1    | PSI  |  |
| Polishing rotated to secondary? Yes No   | Polishing rotated to secondary?        | Yes  | No   |  |
| New carbon polishing drum? Yes No  | New carbon polishing drum?             | Yes  | No   |  |

| Discharge Piping                 |        |         |  |  |
|----------------------------------|--------|---------|--|--|
| Pipe integrity in shed           | Good   | Poor    |  |  |
| Pipe integrity at catch basin    | Good   | Poor    |  |  |
| Pipe at catch basin clear?       | Yes    | No      |  |  |
| Pipe integrity at creek          | Good   | Poor    |  |  |
| Pipe at creek clear?             | Yes    | No      |  |  |
| Miscellaneous                    |        |         |  |  |
| Shed integrity                   | Good   | Poor    |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |
| Repairs/work needed?             | Yes    | No      |  |  |
| Spill evidence?                  | Yes    | No      |  |  |
| Electrical controls operational? | (Yes)  | No      |  |  |
| Heater operational?              | Yes    | No      |  |  |
| Vault integrity                  | Good   | Poor    |  |  |
| Repairs needed to vault?         | Yes    | No      |  |  |
| Sampling                         |        |         |  |  |
| Sampling performed?              | Yes    | No      |  |  |
| Sampling event                   | Mnthly | Qtrly   |  |  |
| Post Carbon 3 sampled @          |        |         |  |  |
| Post Carbon 2 sampled @          |        |         |  |  |
| Post Carbon 1 sampled @          |        |         |  |  |
| Pre Carbon sampled @             |        |         |  |  |
| Inside/Outside Sump sampled @    |        |         |  |  |
| Recovery and Disposal            |        |         |  |  |
| Pure DNAPL Recovery              | -      | Gallons |  |  |
| DNAPL / Water Recovery           | _      | Gallons |  |  |
| DNAPL drums onsite               |        | Drums   |  |  |
| Spent carbon drums onsite        | 2      | Drums   |  |  |
| PPE/Solids drums onsite          | /      | Drums   |  |  |
| Drums labeled?                   | (Yes)  | No      |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |
| Club Vent System                 |        |         |  |  |
| Fan Running?                     | Yes    | No      |  |  |
| Vac at sump enclosure?           | Yes    | No      |  |  |

| Technician:   | WC           |         | Totalizer:                 | 115196    |
|---------------|--------------|---------|----------------------------|-----------|
| Date:         | 5517         |         | Total Pumped:              | 15869     |
| Weather:      | Ran 40:      |         | _                          |           |
| System Status | s (Arrival): | Up Down | System Status (Departure): | (Jp) Down |

| Oil Water Separator                    |        |      |
|--|--------|------|
| High level shut-off operational?       | Yes    | No   |
| Red warning light operational?         | Yes    | No   |
| Separator vessel integrity             | (Good) | Poor |
| Leaks present?                         | Yes    | No   |
| Separator cover and seal integrity     | Good   | Poor |
| Decant valve integrity                 | Good)  | Poor |
| LNAPL in separator?                    | Yes    | No.  |
| Separator needs cleaning?              | Yes    | No   |
| Separator cleaned?                     | Yes    | No   |
| Transfer Pump and Pipi                 | ing    |      |
| Pump operational?                      | (Yes)  | No   |
| Pump integrity                         | Good   | Poor |
| Flow meter operational?                | Yes    | No   |
| Transfer pump flow rate                | 2.23   | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 70     | 12   |
| Filter 2 Pressure @ arrival(In/Out)    | 12     | 9    |
| Filters changed?                       | Yes    | No   |
| Filter 1 Pressure @ departure (In/Out) |        |      |
| Filter 2 Pressure @ departure(In/Out)  |        |      |
| Carbon Drums                           |        |      |
| Primary carbon drum integrity          | Good   | Poor |
| Primary carbon drum leaks?             | Yes    | (Nø) |
| Primary carbon drum pressure           | 6      | PSI  |
| Primary removed for disposal?          | Yes    | No   |
| Secondary carbon drum integrity        | Good   | Poor |
| Secondary carbon drum leaks?           | Yes    | NO   |
| Secondarycarbon drum pressure          | 3      | PSI  |
| Secondary rotated to primary?          | Yes    | No   |
| Polishing carbon drum integrity        | Good   | Poor |
| Polishingcarbon drum leaks?            | Yes    | NO   |
| Polishing carbon drum pressure         | 1      | PSI  |
| Polishing rotated to secondary?        | Yes    | 100  |
| New carbon polishing drum?             | Yes    | No   |
| Notes:                                 | _      | _    |

| Discharge Pipir                  | ng     |         |  |  |
|----------------------------------|--------|---------|--|--|
| 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                    |        |         |  |  |
| Shed integrity                   | Good   | Poor    |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |
| Repairs/work needed?             | Yes    | No      |  |  |
| Spill evidence?                  | Yes    | No      |  |  |
| Electrical controls operational? | Yes    | No      |  |  |
| Heater operational?              | Yes    | No      |  |  |
| Vault integrity                  | Good   | Poor    |  |  |
| Repairs needed to vault?         | Yes    | No      |  |  |
| Sampling                         |        |         |  |  |
| Sampling performed?              | Yes    | No      |  |  |
| Sampling event                   | Mnthly | Qtrly   |  |  |
| Post Carbon 3 sampled @          |        |         |  |  |
| Post Carbon 2 sampled @          |        |         |  |  |
| Post Carbon 1 sampled @          |        |         |  |  |
| Pre Carbon sampled @             | /      |         |  |  |
| Inside/Outside Sump sampled @    |        |         |  |  |
| Recovery and Disp                | osal   |         |  |  |
| Pure DNAPL Recovery              |        | Gallons |  |  |
| DNAPL / Water Recovery           | -      | Gallons |  |  |
| DNAPL drums onsite               |        | Drums   |  |  |
| Spent carbon drums onsite        | 2      | Drums   |  |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |  |
| Drums labeled?                   | Ves    | No      |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |
| Club Vent System                 |        |         |  |  |
| an Running? Yes No               |        |         |  |  |
| /ac at sump enclosure?           | Yes    | No      |  |  |

| Technician:   | ME           |           | Totalizer:                 | 132204    |
|---------------|--------------|-----------|----------------------------|-----------|
| Date:         | 5 12 17      |           | Total Pumped:              | 17008     |
| Weather:      | Soi chuly    |           | _                          |           |
| System Status | s (Arrival): | (Up) Down | System Status (Departure): | (Ug/ Down |

|  | -    |      |
|--|------|------|
| System Status (Arrival):               | (Up) | Down |
| Oil Water Separator                    | -    |      |
| High level shut-off operational?       | Yes  | No   |
| Red warning light operational?         | Yes  | No   |
| Separator vessel integrity             | Good | Poor |
| Leaks present?                         | Yes  | No   |
| Separator cover and seal integrity     | Good | Poor |
| Decant valve integrity                 | Good | Poor |
| LNAPL in separator?                    | Yes  | No   |
| Separator needs cleaning?              | Yes  | No   |
| Separator cleaned?                     | Yes  | No   |
| Transfer Pump and Pip                  | ing  |      |
| Pump operational?                      | Yes  | No   |
| Pump integrity                         | Good | Poor |
| Flow meter operational?                | Yes  | No   |
| Transfer pump flow rate                | 3.23 | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 20   | 9    |
| Filter 2 Pressure @ arrival(In/Out)    | 13   | 10   |
| Filters changed?                       | Yes  | No   |
| Filter 1 Pressure @ departure (In/Out) | 17   | 10   |
| Filter 2 Pressure @ departure(In/Out)  | 8    | 8    |
| Carbon Drums                           |      |      |
| Primary carbon drum integrity          | Good | Poor |
| Primary carbon drum leaks?             | Yes  | No   |
| Primary carbon drum pressure           | 6    | PSI  |
| Primary removed for disposal?          | Yes  | No   |
| Secondary carbon drum integrity        | Good | Poor |
| Secondary carbon drum leaks?           | Yes  | No   |
| Secondarycarbon drum pressure          | 3    | PSI  |
| Secondary rotated to primary?          | Yes  | No   |
| Polishing carbon drum integrity        | Good | Poor |
| Polishingcarbon drum leaks?            | Yes  | No   |
| Polishing carbon drum pressure         | 1    | PSI  |
| Polishing rotated to secondary?        | Yes  | Nø   |
| New carbon polishing drum?             | Yes  | No   |
| Notes:                                 |      |      |

| , |        |         |  |  |
|---|--------|---------|--|--|
|   |        |         |  |  |
| Discharge Pipin                         |        |         |  |  |
| 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                           |        |         |  |  |
| Shed integrity                          | Good   | Poor    |  |  |
| Shed ventillation acceptable?           | Yes    | No      |  |  |
| Repairs/work needed?                    | Yes    | No      |  |  |
| Spill evidence?                         | Yes    | No      |  |  |
| Electrical controls operational?        | Yes    | No      |  |  |
| Heater operational?                     | Yes    | No      |  |  |
| Vault integrity                         | Good   | Poor    |  |  |
| Repairs needed to vault?                | Yes    | NO      |  |  |
| Sampling                                |        |         |  |  |
| Sampling performed?                     | Yes    | No      |  |  |
| Sampling event                          | Mnthly | Qtrly   |  |  |
| Post Carbon 3 sampled @                 |        |         |  |  |
| Post Carbon 2 sampled @                 |        |         |  |  |
| Post Carbon 1 sampled @                 | /      |         |  |  |
| Pre Carbon sampled @                    | /      |         |  |  |
| Inside/Outside Sump sampled @           |        |         |  |  |
| Recovery and Disposal                   |        |         |  |  |
| Pure DNAPL Recovery                     | _      | Gallons |  |  |
| DNAPL / Water Recovery                  | _      | Gallons |  |  |
| DNAPL drums onsite                      | ·=     | Drums   |  |  |
| Spent carbon drums onsite               | 2      | Drums   |  |  |
| PPE/Solids drums onsite                 | 1      | Drums   |  |  |
| Drums labeled?                          | Yes    | No      |  |  |
| Drums in storage unit?                  | Yes    | No      |  |  |
| Club Vent Systen                        |        |         |  |  |
| Fan Running? Yes No                     |        |         |  |  |
| Vac at sump enclosure?                  | Yes    | No      |  |  |
|   |        |         |  |  |

| Technician:   | IMP          |         | Totalizer:                 | 138 837   |
|---------------|--------------|---------|----------------------------|-----------|
| Date:         | 5/18/17      |         | Total Pumped:              | 6633      |
| Weather:      | 5mmy 70:     |         | _                          |           |
| System Status | s (Arrival): | Up Down | System Status (Departure): | (Up) Down |

| High level shut-off operational?  Red warning light operational?  Separator vessel integrity  Leaks present?  Separator cover and seal integrity  Good Poor  Leaks present?  Separator cover and seal integrity  Good Poor  LNAPL in separator?  Separator needs cleaning?  Yes No  Separator cleaned?  Pump operational?  Pump operational?  Pump integrity  Flow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Primary carbon drum integrity  Primary carbon drum pressure  Primary carbon drum pressure  Primary carbon drum pressure  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Poor  Secondary carbon drum pressure  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure   |  |      |      |
|--|--|------|------|
| Red warning light operational?  Separator vessel integrity  Leaks present?  Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure @ departure (In/Out)  Filter 7 Pressure @ departure (In/Out)  Filter 8 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure @ departure (In/Out)  Filter 7 Pressure @ departure (In/Out)  Filter 8 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out) | Oil Water Separator                    |      |      |
| Red warning light operational?  Separator vessel integrity  Leaks present?  Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Pump operational?  Pump operational?  Pump operational?  Pump integrity  Flow meter operational?  Filter 1 Pressure @ arrival (ln/Out)  Filter 2 Pressure @ arrival (ln/Out)  Filter 1 Pressure @ departure (ln/Out)  Filter 2 Pressure @ departure (ln/Out)  Filter 2 Pressure @ departure (ln/Out)  Filter 3 Pressure @ departure (ln/Out)  Filter 4 Pressure @ departure (ln/Out)  Filter 5 Pressure @ departure (ln/Out)  Filter 6 Pressure @ departure (ln/Out)  Filter 7 Pressure @ departure (ln/Out)  Filter 8 Pressure @ departure (ln/Out)  Filter 9 Pressure @ departure (ln/Out)  Filter 9 Pressure @ departure (ln/Out)  Filter 1 Pressure @ departure (ln/Out)  Filter 2 Pressure @ departure (ln/Out)  Filter 1 Pressure @ departure (ln/Out)  Filter 1 Pressure @ departure (ln/Out)  Filter 2 Pressure @ departure (ln/Out)  Filter 1 Pressure @ departure (ln/Out)  Filter 1 Pressure @ departure (ln/Out)  Filter 2 Pressure @ departure (ln/Out)  Filter 2 Pressure @ departure (ln/Out)  Filter 1 Pressure @ departure (ln/Out)  Filter 2 Pressure @ departure (ln/Out)  Filter 2 Pressure @ departure (ln/Out)  Filter 3 Pressure @ departure (ln/Out)  Filter 5 Pressure @ departure (ln/Out)  Filter 6 Pressure @ departure (ln/Out)  Filter 1 Pressure @ departure (ln/Out)  Filter 1 Pressure @ departure (ln/Out)  Filter 2 Pressure @ departure (ln/Out)  Filter 1 Pressure @ departure (ln/Out)  Filter 2 Pressure @ departur | High level shut-off operational?       | Yes  | No   |
| Separator vessel integrity  Leaks present?  Separator cover and seal integrity  Decant valve integrity  Decant valve integrity  Separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure @ departure (In/Out)  Filter 7 Pressure @ departure (In/Out)  Filter 8 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ Poor  Primary carbon drum leaks?  Yes No  Secondary carbon drum pressure  PSI  Secondary carbon drum pressure  PSI  Polishing carbon drum pressure  POlishing carbon drum pressure  Polishing carbon drum pressure  Polishing carbon drum pressure  PSI  Polishing carbon drum pressure  PSI  Polishing rotated to secondary?  Yes No  |  | Yes  | No   |
| Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump operational?  Pump integrity  Flow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Primary carbon drum integrity  Primary carbon drum leaks?  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure  Polishing carbon drum leaks?  Polishing carbon drum pressure   |  | Good | Poor |
| Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Filow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Filter 2 Pressure @ departure(In/Out)  Filter 2 Pressure @ departure(In/Out)  Filter 3 Pressure @ departure(In/Out)  Filter 4 Pressure @ departure(In/Out)  Filter 5 Pressure @ departure(In/Out)  Filter 6 Pressure 8 Primary carbon drum integrity  Filter 7 Pressure 9 Primary carbon drum leaks?  Primary carbon drum leaks?  Primary carbon drum leaks?  Primary carbon drum leaks?  Polishing carbon drum pressure  Polishing carbon drum leaks?  Polishing carbon drum pressure   | Leaks present?                         | Yes  | No   |
| Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure @ departure (In/Out)  Filter 7 Pressure @ departure (In/Out)  Filter 8 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure @ departure (In/Out)  Filter 6 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (I | Separator cover and seal integrity     | Good | Poor |
| Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Polishing carbon drum integrity  Polishing carbon drum integrity  Polishing carbon drum leaks?  Polishing carbon drum pressure   |  | Good | Poor |
| Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Filter 2 Pressure @ departure(In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Polishing carbon drum integrity  Polishing carbon drum leaks?  Polishing carbon drum pressure  | LNAPL in separator?                    | Yes  | No   |
| Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Polishing carbon drum integrity  Polishing carbon drum integrity  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure  Polishing carbon drum leaks?  Polishing carbon drum pressure  | Separator needs cleaning?              | Yes  |      |
| Pump operational?  Pump integrity  Flow meter operational?  Flow meter operational?  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Polishing carbon drum integrity  Polishing carbon drum leaks?  Polishing carbon drum pressure  |  | Yes  | Ñô   |
| Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Polishing carbon drum integrity  Polishing carbon drum integrity  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure  |  | ng   |      |
| Pump integrity Flow meter operational? Filter 1 Pressure @ arrival (In/Out) Filter 2 Pressure @ arrival(In/Out) Filter 1 Pressure @ arrival(In/Out) Filter 2 Pressure @ departure (In/Out) Filter 2 Pressure @ departure (In/Out) Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity Frimary carbon drum leaks? Primary carbon drum pressure Primary removed for disposal? Secondary carbon drum integrity Secondary carbon drum leaks? Secondary carbon drum pressure Polishing carbon drum integrity Food Poor Polishing carbon drum integrity Food Poor Polishing carbon drum leaks? Polishing carbon drum leaks? Polishing carbon drum pressure Polishing rotated to secondary? Yes No  | Pump operational?                      | Yes  | No   |
| Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Polishing carbon drum integrity  Polishing carbon drum integrity  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure  |  | Good | Poor |
| Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Polishing carbon drum integrity  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure  |  | Yes  | No   |
| Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary rotated to primary?  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure  Polishing carbon drum pressure  Polishing carbon drum pressure  Polishing carbon drum pressure  Polishing rotated to secondary?  Yes   | Transfer pump flow rate                | 2.51 | GPM  |
| Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Polishing carbon drum integrity  Polishing carbon drum integrity  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure   |  | 21   | 9    |
| Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  Secondary rotated to primary?  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure  PSI  Polishing rotated to secondary?  Yes  | Filter 2 Pressure @ arrival(In/Out)    | 12   | 8    |
| Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity Good Poor Primary carbon drum leaks?  Primary carbon drum pressure Primary removed for disposal?  Secondary carbon drum integrity Good Poor Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure PSI Secondary rotated to primary?  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure PSI Polishing carbon drum pressure PSI Polishing carbon drum pressure PSI Polishing rotated to secondary?  Yes No  | Filters changed?                       | Yes  | No   |
| Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity Good Poor Primary carbon drum leaks?  Primary carbon drum pressure Primary removed for disposal?  Secondary carbon drum integrity Good Poor Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure PSI Secondary rotated to primary?  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure PSI Polishing carbon drum pressure PSI Polishing carbon drum pressure PSI Polishing rotated to secondary?  Yes No  | Filter 1 Pressure @ departure (In/Out) |      |      |
| Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary rotated to primary?  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure  Polishing rotated to secondary?  Yes  No   |  |      |      |
| Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary rotated to primary?  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure  Polishing carbon drum pressure  Polishing carbon drum pressure  Polishing carbon drum pressure  Polishing rotated to secondary?  Yes  No  Polishing rotated to secondary?  Yes  | Carbon Drums                           |      |      |
| Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary rotated to primary?  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure  Polishing rotated to secondary?  Yes  No  | Primary carbon drum integrity          | Good | Poor |
| Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary rotated to primary?  Polishing carbon drum integrity  Polishing carbon drum leaks?  Polishing carbon drum leaks?  Polishing carbon drum pressure  Polishing carbon drum pressure  Polishing carbon drum pressure  Polishing rotated to secondary?  Yes  No   | Primary carbon drum leaks?             | Yes  | NO   |
| Secondary carbon drum integrity Secondary carbon drum leaks? Secondary carbon drum pressure Secondary rotated to primary? Polishing carbon drum integrity Polishing carbon drum leaks? Polishing carbon drum pressure Polishing carbon drum pressure Polishing carbon drum pressure Polishing rotated to secondary? Yes No   | Primary carbon drum pressure           | C    |      |
| Secondary carbon drum leaks?  Secondarycarbon drum pressure  Secondary rotated to primary?  Polishing carbon drum integrity  Polishing carbon drum leaks?  Polishing carbon drum pressure  Polishing carbon drum pressure  Polishing rotated to secondary?  Yes  No  Yes   | Primary removed for disposal?          | Yes  | No   |
| Secondary carbon drum leaks?  Secondarycarbon drum pressure  Secondary rotated to primary?  Polishing carbon drum integrity  Polishing carbon drum leaks?  Polishing carbon drum pressure  Polishing rotated to secondary?  Yes  No  PSI  Polishing rotated to secondary?  Yes   | Secondary carbon drum integrity        | Good | Poor |
| Secondarycarbon drum pressure  Secondary rotated to primary?  Polishing carbon drum integrity  Polishing carbon drum leaks?  Polishing carbon drum pressure  Polishing rotated to secondary?  Yes  PSI  POISHING P |  | Yes  | No   |
| Polishing carbon drum integrity  Polishing carbon drum leaks?  Polishing carbon drum pressure  Polishing rotated to secondary?  Yes  Yes   |  | 2    |      |
| Polishing carbon drum leaks?  Polishing carbon drum pressure  Polishing rotated to secondary?  Yes  Yes  | Secondary rotated to primary?          | Yes  | No   |
| Polishing carbon drum leaks?  Polishing carbon drum pressure  Polishing rotated to secondary?  Yes  Yes  |  | Good |      |
| Polishing carbon drum pressure / PSI Polishing rotated to secondary? Yes   |  | Yes  | No   |
| Polishing rotated to secondary? Yes  |  | 7    |      |
|  |  | Yes  | NO   |
|  | New carbon polishing drum?             | Yes  | NO   |

| Discharge Piping                 |        |         |  |  |
|----------------------------------|--------|---------|--|--|
| Pipe integrity in shed           | Good   | Poor    |  |  |
| Pipe integrity at catch basin    | Good   | Poor    |  |  |
| Pipe at catch basin clear?       | Yes    | No      |  |  |
| Pipe integrity at creek          | Good   | Poor    |  |  |
| Pipe at creek clear?             | Yes    | No      |  |  |
| Miscellaneous                    |        |         |  |  |
| Shed integrity                   | Good   | Poor    |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |
| Repairs/work needed?             | Yes    | No      |  |  |
| Spill evidence?                  | Yes    | NO      |  |  |
| Electrical controls operational? | Yes    | No      |  |  |
| Heater operational?              | Yes    | No      |  |  |
| Vault integrity                  | Good   | Poor    |  |  |
| Repairs needed to vault?         | Yes    | No      |  |  |
| Sampling                         |        |         |  |  |
| Sampling performed?              | Yes    | No      |  |  |
| Sampling event                   | Mnthly | Otrly   |  |  |
| Post Carbon 3 sampled @          |        |         |  |  |
| Post Carbon 2 sampled @          |        |         |  |  |
| Post Carbon 1 sampled @          |        |         |  |  |
| Pre Carbon sampled @             |        |         |  |  |
| Inside/Outside Sump sampled @    |        |         |  |  |
| Recovery and Disposal            |        |         |  |  |
| Pure DNAPL Recovery              | 1      | Gallons |  |  |
| DNAPL / Water Recovery           | ~      | Gallons |  |  |
| DNAPL drums onsite               |        | Drums   |  |  |
| Spent carbon drums onsite        | 7-     | Drums   |  |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |  |
| Drums labeled?                   | Yes    | No      |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |
| Club Vent System                 |        |         |  |  |
| Fan Running?                     | Yes    | No      |  |  |
| Vac at sump enclosure?           | Yes    | No      |  |  |

|              | 1. 11/        |           | 8-1-0-1                    |        |      |
|--------------|---------------|-----------|----------------------------|--------|------|
| Technician:  | Mr.           |           | Totalizer:                 | 143881 |      |
| Date:        | 5/20/17       |           | <br>Total Pumped:          | 5141   | 4    |
| Weather:     | Dram          |           | _                          |        |      |
| System Statu | s (Arrival):  | Up / Down |                            |        |      |
| -,           | o ( arrivar). | Up Down   | System Status (Departure): | Up     | Down |

| Up | Down | System Status (Departure): |
|----|------|----------------------------|
|----|------|----------------------------|

| Up | Down |
|----|------|

| Oil Water Separato High level shut-off operational? | Yes  |                |
|---|------|----------------|
| High level shut-off operational?                    | Ves  |                |
|   |      | No             |
| Red warning light operational?                      | Yes  | No             |
| Separator vessel integrity                          | Good |                |
| Leaks present?                                      | Yes  | No             |
| Separator cover and seal integrity                  | Good |                |
| Decant valve integrity                              | Good | Poor           |
| LNAPL in separator?                                 | Yes  | No             |
| Separator needs cleaning?                           | Yes  | No             |
| Separator cleaned?                                  | Yes  | No             |
| Transfer Pump and Pip                               |      | - (3)          |
| Pump operational?                                   | Yes  | No             |
| Pump integrity                                      | Good | Poor           |
| low meter operational?                              | Yes  | No             |
| ransfer pump flow rate                              | 2.37 | GPM            |
| ilter 1 Pressure @ arrival (In/Out)                 | 33   | 9              |
| ilter 2 Pressure @ arrival(In/Out)                  | 73   | 7              |
| ilters changed?                                     | Yes  | No             |
| ilter 1 Pressure @ departure (In/Out)               |      |                |
| ilter 2 Pressure @ departure(In/Out)                |      |                |
| Carbon Drums  |      |                |
| rimary carbon drum integrity                        | Good | Poor           |
| rimary carbon drum leaks?                           | Yes  | No             |
| rimary carbon drum pressure                         | 6    | PSI            |
| rimary removed for disposal?                        | Yes  | No             |
| econdary carbon drum integrity                      | Good | Poor           |
| econdary carbon drum leaks?                         | Yes  | No             |
| econdarycarbon drum pressure                        | 3    | PSI            |
| econdary rotated to primary?                        | Yes  | No             |
| olishing carbon drum integrity                      | Good | Poor           |
| plishingcarbon drum leaks?                          | Yes  | No             |
| lishing carbon drum pressure                        | 1    | PSI            |
| lishing rotated to secondary?                       | Yes  | N <sub>0</sub> |
| ew carbon polishing drum?                           | Yes  | No             |
| otes:   |      |                |

| Discharge Piping                 |            |  |  |  |  |
|----------------------------------|------------|--|--|--|--|
| Pipe integrity in shed           | Goog       | 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   |  |  |  |
| Miscellaneou                     | S          |  |  |  |  |
| Shed integrity                   | Good       | Poor   |  |  |  |
| Shed ventillation acceptable?    | Yes        | No   |  |  |  |
| Repairs/work needed?             | Yes        | No   |  |  |  |
| Spill evidence?                  | Yes        | No   |  |  |  |
| Electrical controls operational? | Yes        | No   |  |  |  |
| Heater operational?              | (Yes)      | No   |  |  |  |
| Vault integrity                  | Good       | Poor   |  |  |  |
| Repairs needed to vault?         | Yes        | No   |  |  |  |
| Sampling                         |            |  |  |  |  |
| Sampling performed?              | Yes        | No   |  |  |  |
| Sampling event                   | Mnthly     |  |  |  |  |
| Post Carbon 3 sampled @          | 1000       | - Carry  |  |  |  |
| Post Carbon 2 sampled @          | 1005       | 1  |  |  |  |
| Post Carbon 1 sampled @          | 1010       |  |  |  |  |
| Pre Carbon sampled @             | 1015       |  |  |  |  |
| Inside/Outside Sump sampled @    | 1030       | <del>                                     </del> |  |  |  |
| Recovery and Dispo               | 7-         |  |  |  |  |
| Pure DNAPL Recovery              |            | Gallons  |  |  |  |
| DNAPL / Water Recovery           |            | Gallons  |  |  |  |
| DNAPL drums onsite               | _          | Drums  |  |  |  |
| Spent carbon drums onsite        | 2          | Drums  |  |  |  |
| PPE/Solids drums onsite          | 1          | Drums  |  |  |  |
| Drums labeled?                   | Yes        |  |  |  |  |
| Drums in storage unit?           | Yes        | No<br>No   |  |  |  |
| Club Vent System                 |            | NO   |  |  |  |
|                                  |            |  |  |  |  |
| Vac at sump enclosure?           | Yes<br>Yes | No   |  |  |  |
| and ar partible Eliciosoffs.     | res        | No 🛝   |  |  |  |

| Technician:   |              |    |         | Totalizer:                 | 1534 | 6 (  |
|---------------|--------------|----|---------|----------------------------|------|------|
| Date:         | C            | 2  |         | Total Pumped:              | _9   | 480  |
| Weather:      | Sun          | 60 |         |                            |      |      |
| System Status | s (Arrival): |    | Up Down | System Status (Departure): | Up   | Down |

|      | No  |
|------|---|
|      | No  |
| Good | Poor  |
| Yes  | No  |
| Goød | Poor  |
| Good | Poor  |
| Yes  | No  |
| Yes  | 1/10  |
| Yes  | Ne  |
| ing  |   |
| Yes  | No  |
| Good | Poor  |
| Yes  | No  |
| 196  | GPM   |
| 36   | 6   |
| 27   | 5   |
| Yes  | (No   |
|      |   |
|      |   |
|      |   |
| Good | Poor  |
| Yes  | No  |
| 4    | PSI   |
| Yes  | (No)  |
| Good | Poor  |
| Yes  | No  |
| 2    | PSI   |
| Yes  | No  |
| Good | Poor  |
| Yes  | No  |
| 1    | PSI   |
| Yes  | No  |
| Yes  | Nò  |
|      | Good Yes Yes Yes Yes Good Yes  Good Yes  Good Yes  Yes  Yes  Good Yes |

| Discharge Pipin                  |        |         |  |  |
|----------------------------------|--------|---------|--|--|
| 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                    |        |         |  |  |
| Shed integrity                   | Good   | Poor    |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |
| Repairs/work needed?             | Yes    | No      |  |  |
| Spill evidence?                  | Yes    | No      |  |  |
| Electrical controls operational? | (Yes)  | No      |  |  |
| Heater operational?              | Yes")  | No      |  |  |
| Vault integrity                  | Good   | Poor    |  |  |
| Repairs needed to vault?         | Yes    | No      |  |  |
| Sampling                         |        |         |  |  |
| Sampling performed?              | Yes    | (No/)   |  |  |
| Sampling event                   | Mnthly | Otrly   |  |  |
| Post Carbon 3 sampled @          |        |         |  |  |
| Post Carbon 2 sampled @          |        |         |  |  |
| Post Carbon 1 sampled @          |        |         |  |  |
| Pre Carbon sampled @             |        |         |  |  |
| Inside/Outside Sump sampled @    |        |         |  |  |
| Recovery and Dispo               | sal    | -       |  |  |
| Pure DNAPL Recovery              |        | Gallons |  |  |
| DNAPL / Water Recovery           |        | Gallons |  |  |
| DNAPL drums onsite               | -      | Drums   |  |  |
| Spent carbon drums onsite        | Z      | Drums   |  |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |  |
| Drums labeled?                   | Yes    | No      |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |
| Club Vent System                 |        |         |  |  |
| Fan Running?                     | Yes    | No      |  |  |
| Vac at sump enclosure?           | Yes    | No      |  |  |

| Technician: | _ WR_    | Totalizer:          |  |
|-------------|----------|---------------------|--|
| Date:       | 6917     | Total Pumped: 41097 |  |
| Weather:    | Sung 701 |                     |  |

System Status (Arrival):

| (Up <sup>0</sup> ) | Down | System Status (Departure): | Up | Down |
|--------------------|------|----------------------------|----|------|
|                    |      |                            |    |      |

| Oil Water Separato                     | r    |      |
|--|------|------|
| High level shut-off operational?       | Yes  | No   |
| Red warning light operational?         | Yes  | No   |
| Separator vessel integrity             | Good | Poor |
| Leaks present?                         | Yes  | No   |
| Separator cover and seal integrity     | Good | Poor |
| Decant valve integrity                 | Good | Poor |
| LNAPL in separator?                    | Yes  | No   |
| Separator needs cleaning?              | Yes  | No   |
| Separator cleaned?                     | Yes  | No   |
| Transfer Pump and Pip                  | ing  |      |
| Pump operational?                      | Yes  | No   |
| Pump integrity                         | Good | Poor |
| Flow meter operational?                | Yes  | No   |
| Transfer pump flow rate                | 2.07 | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 32   | 5    |
| Filter 2 Pressure @ arrival(In/Out)    | 30   | G    |
| Filters changed?                       | Yes  | No   |
| Filter 1 Pressure @ departure (In/Out) | 15   | 7    |
| Filter 2 Pressure @ departure(In/Out)  | - کم | G    |
| Carbon Drums                           |      |      |
| Primary carbon drum integrity          | Good | Poor |
| Primary carbon drum leaks?             | Yes  | No   |
| Primary carbon drum pressure           | .5   | PSI  |
| Primary removed for disposal?          | Yes  | (No) |
| Secondary carbon drum integrity        | Good | Poor |
| Secondary carbon drum leaks?           | Yes  | No   |
| Secondarycarbon drum pressure          | 2    | PSI  |
| Secondary rotated to primary?          | Yes  | No   |
| Polishing carbon drum integrity        | Good | Poor |
| Polishingcarbon drum leaks?            | Yes  | No   |
| Polishing carbon drum pressure         | 1    | PSI  |
| Polishing rotated to secondary?        | Yes  | No   |
| New carbon polishing drum?             | Yes  | No   |
| Intes:                                 |      |      |

| Discharge Pipin                  |        |         |  |  |
|----------------------------------|--------|---------|--|--|
| 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                    |        |         |  |  |
| Shed integrity                   | Good   | Poor    |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |
| Repairs/work needed?             | Yes    | No      |  |  |
| Spill evidence?                  | Yes    | No      |  |  |
| Electrical controls operational? | Yes    | No      |  |  |
| Heater operational?              | Yes    | No      |  |  |
| Vault integrity                  | Good   | Poor    |  |  |
| Repairs needed to vault?         | Yes    | No      |  |  |
| Sampling                         |        |         |  |  |
| Sampling performed?              | Yes    | No/     |  |  |
| Sampling event                   | Mnthly | Qtrly   |  |  |
| Post Carbon 3 sampled @          |        |         |  |  |
| Post Carbon 2 sampled @          |        |         |  |  |
| Post Carbon 1 sampled @          |        |         |  |  |
| Pre Carbon sampled @             |        |         |  |  |
| Inside/Outside Sump sampled @    | /      |         |  |  |
| Recovery and Dispo               | sal    |         |  |  |
| Pure DNAPL Recovery              | -      | Gallons |  |  |
| DNAPL / Water Recovery           | ~      | Gallons |  |  |
| DNAPL drums onsite               |        | Drums   |  |  |
| Spent carbon drums onsite        | 2      | Drums   |  |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |  |
| Drums labeled?                   | Yes    | No      |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |
| Club Vent System                 |        |         |  |  |
| Fan Running?                     | Yes/   | No      |  |  |
| Vac at sump enclosure?           | Yes    | No      |  |  |

| Technician: | ine          | Totalizer:        | 160578 |
|-------------|--------------|-------------------|--------|
| Date:       | 6 16 17      | <br>Total Pumped: | 2985   |
| Weather:    | Sunny 702-80 | _                 |        |

System Status (Arrival):

| Up | Down | System Status (Dep | arture): |
|----|------|--------------------|----------|
|----|------|--------------------|----------|

| (Up) | Down |
|------|------|

| Oil Water Separator                    |      |      |
|--|------|------|
| High level shut-off operational?       | Yes  | No   |
| Red warning light operational?         | Yes  | No   |
| Separator vessel integrity             | Good | Poor |
| Leaks present?                         | Yes  | No   |
| Separator cover and seal integrity     | Good | Poor |
| Decant valve integrity                 | Good | Poor |
| LNAPL in separator?                    | Yes  | No   |
| Separator needs cleaning?              | Yes  | No   |
| Separator cleaned?                     | Yes  | No   |
| Transfer Pump and Pip                  | ing  |      |
| Pump operational?                      | Yes  | No   |
| Pump integrity                         | Good | Poor |
| Flow meter operational?                | Yes  | No   |
| Transfer pump flow rate                | 2.58 | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 70   | 9    |
| Filter 2 Pressure @ arrival(In/Out)    | 11   | 8    |
| Filters changed?                       | Yes  | No   |
| Filter 1 Pressure @ departure (In/Out) |      |      |
| Filter 2 Pressure @ departure(In/Out)  |      |      |
| Carbon Drums                           |      |      |
| Primary carbon drum integrity          | Good | Poor |
| Primary carbon drum leaks?             | Yes  | No   |
| Primary carbon drum pressure           | 6    | PSI  |
| Primary removed for disposal?          | Yes  | No   |
| Secondary carbon drum integrity        | Good | Poor |
| Secondary carbon drum leaks?           | Yes  | No   |
| Secondarycarbon drum pressure          | 2    | PSI  |
| Secondary rotated to primary?          | Yes  | No   |
| Polishing carbon drum integrity        | Good | Poor |
| Polishingcarbon drum leaks?            | Yes  | No   |
| Polishing carbon drum pressure         | 1    | PSI  |
| Polishing rotated to secondary?        | Yes  | No   |
| New carbon polishing drum?             | Yes  | No   |
| Notes:                                 |      |      |

| 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                    |        |         |  |  |
| Shed integrity                   | Good   | Poor    |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |
| Repairs/work needed?             | Yes    | No      |  |  |
| Spill evidence?                  | Yes    | No      |  |  |
| Electrical controls operational? | Yes    | No      |  |  |
| Heater operational?              | Yes    | No      |  |  |
| Vault integrity                  | Good   | Poor    |  |  |
| Repairs needed to vault?         | Yes    | -No     |  |  |
| Sampling                         |        |         |  |  |
| Sampling performed?              | Yes    | No      |  |  |
| Sampling event                   | Mnthly | Qtrly   |  |  |
| Post Carbon 3 sampled @          | 1100   |         |  |  |
| Post Carbon 2 sampled @          | 1105   |         |  |  |
| Post Carbon 1 sampled @          | 1/16   |         |  |  |
| Pre Carbon sampled @             | 1115   |         |  |  |
| Inside/Outside Sump sampled @    | 1130   |         |  |  |
| Recovery and Dispo               | sal    |         |  |  |
| Pure DNAPL Recovery              | -      | Gallons |  |  |
| DNAPL / Water Recovery           |        | Gallons |  |  |
| DNAPL drums onsite               |        | Drums   |  |  |
| Spent carbon drums onsite        | Z      | Drums   |  |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |  |
| Drums labeled?                   | Yes    | No      |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |
| Club Vent System                 |        |         |  |  |
| Fan Running?                     | (Yes)  | No      |  |  |
| Vac at sump enclosure?           | Yes    | No      |  |  |



| Technician:  | ma           |         | Totalizer:                 | 163125  |
|--------------|--------------|---------|----------------------------|---------|
| Date:        | 6(23/17      |         | Total Pumped:              | 2547    |
| Weather:     | Clay Di      |         | -                          |         |
| System Statu | s (Arrival): | Up Down | System Status (Departure): | Up Down |

|  |        | _    |
|--|--------|------|
| Oil Water Separator                    | •      |      |
| High level shut-off operational?       | Yes    | No   |
| Red warning light operational?         | Yes    | No   |
| Separator vessel integrity             | Good   | Poor |
| Leaks present?                         | Yes    | No   |
| Separator cover and seal integrity     | Good   | Poor |
| Decant valve integrity                 | Good   | Poor |
| LNAPL in separator?                    | Yes    | No   |
| Separator needs cleaning?              | Yes    | No   |
| Separator cleaned?                     | Yes    | No   |
| Transfer Pump and Pipi                 | ing    | •    |
| Pump operational?                      | Yes    | No   |
| Pump integrity                         | Good   | Poor |
| Flow meter operational?                | Yes    | No   |
| Transfer pump flow rate                | 168    | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 27     | C    |
| Filter 2 Pressure @ arrival(In/Out)    | 17     | 4    |
| Filters changed?                       | Yes    | (No) |
| Filter 1 Pressure @ departure (In/Out) |        |      |
| Filter 2 Pressure @ departure(In/Out)  |        |      |
| Carbon Drums                           |        | _    |
| Primary carbon drum integrity          | (Good) | Poor |
| Primary carbon drum leaks?             | Yes    | No   |
| Primary carbon drum pressure           | 5      | PSI  |
| Primary removed for disposal?          | Yes    | NO   |
| Secondary carbon drum integrity        | Good   | Poor |
| Secondary carbon drum leaks?           | Yes    | No   |
| Secondarycarbon drum pressure          | 2      | PSI  |
| Secondary rotated to primary?          | Yes    | No   |
| Polishing carbon drum integrity        | Good   | Poor |
| Polishingcarbon drum leaks?            | Yes    | No   |
| Polishing carbon drum pressure         | ,      | PSI  |
| Polishing rotated to secondary?        | Yes    | No   |
| New carbon polishing drum?             | Yes    | NO   |
| Notes:                                 |        |      |

| Discharge Pipin                  | g      |         |  |
|----------------------------------|--------|---------|--|
| 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                    |        |         |  |
| Shed integrity                   | Good   | Poor    |  |
| Shed ventillation acceptable?    | Yes    | No      |  |
| Repairs/work needed?             | Yes    | No      |  |
| Spill evidence?                  | Yes    | No      |  |
| Electrical controls operational? | Yes    | No      |  |
| Heater operational?              | Yes    | No      |  |
| Vault integrity                  | Good   | Poor    |  |
| Repairs needed to vault?         | Yes    | No      |  |
| Sampling                         |        |         |  |
| Sampling performed?              | Yes    | No      |  |
| Sampling event                   | Mnthly | Qtrly   |  |
| Post Carbon 3 sampled @          |        |         |  |
| Post Carbon 2 sampled @          |        |         |  |
| Post Carbon 1 sampled @          |        |         |  |
| Pre Carbon-sampled @             | 7      |         |  |
| Inside/Outside Sump sampled @    |        |         |  |
| Recovery and Dispo               | osal   |         |  |
| Pure DNAPL Recovery              | -      | Gallons |  |
| DNAPL / Water Recovery           |        | Gallons |  |
| DNAPL drums onsite               | ~      | Drums   |  |
| Spent carbon drums onsite        | Z      | Drums   |  |
| PPE/Solids drums onsite          | - 1    | Drums   |  |
| Drums labeled?                   | Yes    | No      |  |
| Drums in storage unit?           | Yes    | No      |  |
| Club Vent System                 |        |         |  |
| Fan Running?                     | Yes    | No      |  |
| Vac at sump enclosure?           | Yes    | No      |  |

Notes: Blevelc V Gilters (4 aprilon)

| Technician: | MR      | Totalizer:    | 166298 |
|-------------|---------|---------------|--------|
| Date:       | C 30 V7 | Total Pumped: | 3173   |
| Weather:    | Man 704 | -             | •      |

System Status (Arrival):

| Up Down | System Status (Departure): |
|---------|----------------------------|
|---------|----------------------------|

| Úp | Down |
|----|------|

| Oil Water Separator                    |      |      |  |
|--|------|------|--|
| High level shut-off operational?       | Yes  | No   |  |
| Red warning light operational?         | Yes  | No   |  |
| Separator vessel integrity             | Good | Poor |  |
| Leaks present?                         | Yes  | Ne   |  |
| Separator cover and seal integrity     | Good | Poor |  |
| Decant valve integrity                 | Good | Poor |  |
| LNAPL in separator?                    | Yes  | No   |  |
| Separator needs cleaning?              | Yes  | (No  |  |
| Separator cleaned?                     | Yes  | No   |  |
| Transfer Pump and Pip                  | ing  |      |  |
| Pump operational?                      | Yes  | No   |  |
| Pump integrity                         | Good | Poor |  |
| Flow meter operational?                | Ves  | No   |  |
| Transfer pump flow rate                | 2.11 | GPM  |  |
| Filter 1 Pressure @ arrival (In/Out)   | 25   | 6    |  |
| Filter 2 Pressure @ arrival(In/Out)    | 17   | 5    |  |
| Filters changed?                       | Yes  | NO)  |  |
| Filter 1 Pressure @ departure (In/Out) |      | _    |  |
| Filter 2 Pressure @ departure(In/Out)  |      | ]    |  |
| Carbon Drums                           |      |      |  |
| Primary carbon drum integrity          | Good | Poor |  |
| Primary carbon drum leaks?             | Yes  | No   |  |
| Primary carbon drum pressure           | 4    | PSI  |  |
| Primary removed for disposal?          | Yes  | No   |  |
| Secondary carbon drum integrity        | Good | Poor |  |
| Secondary carbon drum leaks?           | Yes  | No   |  |
| Secondarycarbon drum pressure          | 2    | PSI  |  |
| Secondary rotated to primary?          | Yes  | No   |  |
| Polishing carbon drum integrity        | Good | Poor |  |
| Polishingcarbon drum leaks?            | Yes  | No   |  |
| Polishing carbon drum pressure         | 1    | PSI  |  |
| Polishing rotated to secondary?        | Yes  | No   |  |
| New carbon polishing drum?             | Yes  | No>  |  |

| Discharge Piping                 |        |         |  |
|----------------------------------|--------|---------|--|
| Pipe integrity in shed           | Good   | Poor    |  |
| Pipe integrity at catch basin    | Good   | Poor    |  |
| Pipe at catch basin clear?       | Yes    | No      |  |
| Pipe integrity at creek          | Good   | Poor    |  |
| Pipe at creek clear?             | Yes    | No      |  |
| Miscellaneous                    |        |         |  |
| Shed integrity                   | Good   | Poor    |  |
| Shed ventillation acceptable?    | Yes    | No      |  |
| Repairs/work needed?             | Yes    | No      |  |
| Spill evidence?                  | Yes    | No      |  |
| Electrical controls operational? | Yes    | No      |  |
| Heater operational?              | Yes    | No      |  |
| Vault integrity                  | Good   | Poor    |  |
| Repairs needed to vault?         | Yes    | No      |  |
| Sampling                         | _      |         |  |
| Sampling performed?              | Yes    | No,     |  |
| Sampling event                   | Mnthly | Qtrly   |  |
| Post Carbon 3 sampled @          |        |         |  |
| Post Carbon 2 sampled @          |        |         |  |
| Post Carbon 1 sampled @          | /      |         |  |
| Pre Carbon sampled @             | 7      |         |  |
| Inside/Outside Sump sampled @    | /      |         |  |
| Recovery and Dispo               | sal    |         |  |
| Pure DNAPL Recovery              | -      | Gallons |  |
| DNAPL / Water Recovery           | ~      | Gallons |  |
| DNAPL drums onsite               |        | Drums   |  |
| Spent carbon drums onsite        | 2      | Drums   |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |
| Drums labeled?                   | Yes    | No      |  |
| Drums in storage unit?           | (Yes)  | No      |  |
| Club Vent System                 |        |         |  |
| Fan Running?                     | Yes    | No      |  |
| Vac at sump enclosure?           | Yes    | No      |  |



NYSDEC - Gastown 126 East Niagara St

Technician:

Totalizer:

Total Pumped:

Total Pumped:

System Status (Arrival):

Total Pumped:

Total Pumped:

Total Pumped:

Total Pumped:

Total Pumped:

Total Pumped:

System Status (Arrival):

Oil Water Separator

High level shut-off operational?

(Yes) No

High level shut-off operational? (Yes) No Red warning light operational? Yes No Separator vessel integrity Good **Poor** Leaks present? Yes (No) Separator cover and seal integrity Good Poor Decant valve integrity G099 Poor LNAPL in separator? NO Yes Ng Separator needs cleaning? Yes Separator cleaned? Yes NO **Transfer Pump and Piping** Pump operational? Yes No Pump integrity Good Poor Flow meter operational? (Yes No Transfer pump flow rate **GPM** 2-05 Filter 1 Pressure @ arrival (In/Out) 25 Filter 2 Pressure @ arrival(In/Out) 18 Filters changed? Yes No Filter 1 Pressure @ departure (In/Out) Filter 2 Pressure @ departure(In/Out) **Carbon Drums** Primary carbon drum integrity Good! **Poor** Primary carbon drum leaks? Yes MQ) Primary carbon drum pressure 4 **PSI** Primary removed for disposal? (v) Yes Secondary carbon drum integrity Good Poor Secondary carbon drum leaks? Yes NO) Secondarycarbon drum pressure PSI Secondary rotated to primary? Yes NO Polishing carbon drum integrity Good Poor Polishingcarbon drum leaks? Yes 140 Polishing carbon drum pressure L **PSI** Polishing rotated to secondary? **60** Yes

Yes

NO

System Status (Departure):

| (Up) | Down |
|------|------|
|      |      |
|      |      |

|                                  | _      |         |   |
|----------------------------------|--------|---------|---|
| Discharge Pipi                   | ng 🔿   |         | 7 |
| Pipe integrity in shed           | Goog   | Poor    |   |
| Pipe integrity at catch basin    | (00)t  | Poor    |   |
| Pipe at catch basin clear?       | (e)    | No      | 7 |
| Pipe integrity at creek          | Good   | Poor    | 7 |
| Pipe at creek clear?             | Yes    | No      | 7 |
| Miscellaneous                    | s      |         |   |
| Shed integrity                   | Good   | Poor    | 7 |
| Shed ventillation acceptable?    | (Tes   | No      | 7 |
| Repairs/work needed?             | Yes    | OVI     | 7 |
| Spill evidence?                  | Yes    | No      | 1 |
| Electrical controls operational? | (les)  | No      | 1 |
| Heater operational?              | Yes    | _ No    | X |
| Vault integrity                  | Good   | Poor    | 1 |
| Repairs needed to vault?         | Yes    | NO)     | 1 |
| Sampling                         |        |         | 1 |
| Sampling performed?              | Yes    | No      |   |
| Sampling event                   | Mnthly | Otrly   | 1 |
| Post Carbon 3 sampled @          |        | /       | 1 |
| Post Carbon 2 sampled @          |        |         | 1 |
| Post Carbon 1 sampled @          |        |         | 1 |
| Pre Carbon sampled @             |        |         | 1 |
| Inside/Outside Sump sampled @    | 1/     |         | 1 |
| Recovery and Dispo               | osal   | ,       | 1 |
| Pure DNAPL Recovery              |        | Gallons |   |
| DNAPL / Water Recovery           | _      | Gallons |   |
| DNAPL drums onsite               | -      | Drums   | ĺ |
| Spent carbon drums onsite        | 7      | Drums   |   |
| PPE/Solids drums onsite          | 1      | Drums   |   |
| Drums labeled?                   | (Yes)  | No      |   |
| Drums in storage unit?           | (es)   | No      |   |
| Club Vent System                 | )      |         |   |
| Fan Running?                     | Yes/   | No      |   |
| Vac at sump enclosure?           | Yes    | No      | M |
|                                  |        |         |   |

**Notes:** 

New carbon polishing drum?

| NYSDEC   | - Gas | town : | 126 East Niagara St              |        |                                       |
|--|-------|--------|----------------------------------|--------|---------------------------------------|
| Technician:  |       |        | Totalizer:                       | 1427   | 7                                     |
| Date:  |       |        | Total Pumped:                    | 599    | 7                                     |
| Weather: ( ) of 80 ÷                               |       |        |                                  |        | · · · · · · · · · · · · · · · · · · · |
| System Status (Arrival):                           | (Up)  | Down   | System Status (Departure):       | Up     | Down                                  |
| Oil Water Separator                                |       |        | Discharge Pipin                  | 10     |                                       |
| High level shut-off operational?                   | 7 7 7 | No     |                                  |        | Door                                  |
|  | (Yes) |        | Pipe integrity in shed           | Good   | Poor                                  |
| Red warning light operational?                     | (Yes) | No     | Pipe integrity at catch basin    | appd   | Poor                                  |
| Separator vessel integrity                         | Good  | Poor   | Pipe at catch basin clear?       | Yes    | No                                    |
| Leaks present?                                     | Yes   | (N)    | Pipe integrity at creek          | GOOM   | Poor                                  |
| Separator cover and seal integrity                 | Good  | Poor   | Pipe at creek clear?             | Yes    | No                                    |
| Decant valve integrity                             | Good  | Poor   | Miscellaneous                    |        |                                       |
| LNAPL in separator?                                | Yes   | (Ne    | Shed integrity                   | ഗ്രേ   | Poor                                  |
| Separator needs cleaning?                          | Yes   | W      | Shed ventillation acceptable?    | Yes    | No                                    |
| Separator cleaned?                                 | Yes   | ND     | Repairs/work needed?             | Yes    | KV2                                   |
| Transfer Pump and Pip                              | ing   |        | Spill evidence?                  | Yes    | W)                                    |
| Pump operational?                                  | Yes   | No     | Electrical controls operational? | Yes    | No                                    |
| Pump integrity                                     | Good  | Poor   | Heater operational?              | Yes    | No                                    |
| Flow meter operational?                            | (es)  | No     | Vault integrity                  | Good   | Poor                                  |
| Transfer pump flow rate                            | 1.82  | GPM    | Repairs needed to vault?         | Yes    | Ne                                    |
| Filter 1 Pressure @ arrival (In/Out) 22 7 Sampling |       |        |                                  |        |                                       |
| Filter 2 Pressure @ arrival(In/Out)                | 21    | 6      | Sampling performed?              | (Yes/  | No                                    |
| Filters changed?                                   | Yes   | (ND)   | Sampling event                   | Mnthly | Otrly                                 |

| - man - manage - departane (m, out)   |      |      |
|---------------------------------------|------|------|
| Filter 2 Pressure @ departure(In/Out) |      |      |
| Carbon Drums                          |      |      |
| Primary carbon drum integrity         | Good | Poor |
| Primary carbon drum leaks?            | Yes  | No   |
| Primary carbon drum pressure          | 4    | PSI  |
| Primary removed for disposal?         | Yes  | AD   |
| Secondary carbon drum integrity       | Good | Poor |
| Secondary carbon drum leaks?          | Yes  | MD   |
| Secondarycarbon drum pressure         | 2    | PSI  |
| Secondary rotated to primary?         | Yes  | ND.  |
| Polishing carbon drum integrity       | ÇOOU | Poor |
| Polishingcarbon drum leaks?           | Yes  | No   |
| Polishing carbon drum pressure        | (    | PSI  |
| Polishing rotated to secondary?       | Yes  | , Ma |
| New carbon polishing drum?            | Yes  | MA   |

Filter 1 Pressure @ departure (In/Out)

| Discharge Piping                 |        |              |  |  |
|----------------------------------|--------|--------------|--|--|
| Pipe integrity in shed           | Good   | Poor         |  |  |
| Pipe integrity at catch basin    | apad   | Poor         |  |  |
| Pipe at catch basin clear?       | Yes    | No           |  |  |
| Pipe integrity at creek          | 600)   | Poor         |  |  |
| Pipe at creek clear?             | Yes    | No           |  |  |
| Miscellaneous                    |        |              |  |  |
| Shed integrity                   | COOG   | Poor         |  |  |
| Shed ventillation acceptable?    | Yes    | No           |  |  |
| Repairs/work needed?             | Yes    | Nø           |  |  |
| Spill evidence?                  | Yes    | 100          |  |  |
| Electrical controls operational? | Yes    | No           |  |  |
| Heater operational?              | Yes    | No           |  |  |
| Vault integrity                  | Good   | Poor         |  |  |
| Repairs needed to vault?         | Yes    | No           |  |  |
| Sampling                         |        |              |  |  |
| Sampling performed?              | (Yes   | No           |  |  |
| Sampling event                   | Mnthly | <b>Otrly</b> |  |  |
| Post Carbon 3 sampled @          |        | 1400         |  |  |
| Post Carbon 2 sampled @          |        | 1405         |  |  |
| Post Carbon 1 sampled @          |        | 1410         |  |  |
| Pre Carbon sampled @             |        | 1415         |  |  |
| Inside/Outside Sump sampled @    |        | 1430         |  |  |
| Recovery and Dispo               | sal    |              |  |  |
| Pure DNAPL Recovery              | _      | Gallons      |  |  |
| DNAPL / Water Recovery           | _      | Gallons      |  |  |
| DNAPL drums onsite               |        | Drums        |  |  |
| Spent carbon drums onsite        | 2      | Drums        |  |  |
| PPE/Solids drums onsite          |        | Drums        |  |  |
| Drums labeled?                   | (es)   | No           |  |  |
| Drums in storage unit?           | (es)   | No           |  |  |
| Club Vent System                 | 1      |              |  |  |
| Fan Running?                     | Yes    | No           |  |  |
| Vac at sump enclosure?           | Yes    | No           |  |  |

| Technician:  | MK           |           | Totalizer:                 | 129716    |
|--------------|--------------|-----------|----------------------------|-----------|
| Date:        | 7 21         | 17        | Total Pumped:              | 5439      |
| Weather:     | Cloudy 70    | DE 1805   | _                          |           |
| System Statu | s (Arrival): | (Up) Down | System Status (Departure): | (Up) Down |

| Oil Water Separato                     | r    |             |
|--|------|-------------|
| High level shut-off operational?       | Mes  | No          |
| Red warning light operational?         | (Yes | No          |
| Separator vessel integrity             | GOOD | Poor        |
| Leaks present?                         | Yes  | 6           |
| Separator cover and seal integrity     | Good | Poor        |
| Decant valve integrity                 | 6000 | Poor        |
| LNAPL in separator?                    | Yes  | 100         |
| Separator needs cleaning?              | Yes  | ΝDο         |
| Separator cleaned?                     | Yes  | Ne          |
| Transfer Pump and Pip                  | ing  |             |
| Pump operational?                      | Yes  | No          |
| Pump integrity                         | 6000 | Poor        |
| Flow meter operational?                | Yes  | No          |
| Transfer pump flow rate                | 1.56 | GPM         |
| Filter 1 Pressure @ arrival (In/Out)   | 24   | 7           |
| Filter 2 Pressure @ arrival(In/Out)    | 26   | 8           |
| Filters changed?                       | Yes  | ND          |
| Filter 1 Pressure @ departure (In/Out) |      |             |
| Filter 2 Pressure @ departure(In/Out)  |      |             |
| Carbon Drums                           |      |             |
| Primary carbon drum integrity          | Good | Poor        |
| Primary carbon drum leaks?             | Yes  | WO .        |
| Primary carbon drum pressure           | 3    | PSI         |
| Primary removed for disposal?          | Yes  | No          |
| Secondary carbon drum integrity        | Good | Poor        |
| Secondary carbon drum leaks?           | Yes  | <b>6</b>    |
| Secondarycarbon drum pressure          | 7    | PSI         |
| Secondary rotated to primary?          | Yes  | <b>W</b>    |
| Polishing carbon drum integrity        | 600d | Poor        |
| Polishingcarbon drum leaks?            | Yes  | 100         |
| Polishing carbon drum pressure         |      | PSI         |
| Polishing rotated to secondary?        | Yes  | <b>(ID)</b> |
| New carbon polishing drum?             | Yes  | NO)         |
| Notes:                                 |      |             |

| Discharge Pipir                  | ng     |           | 7  |
|----------------------------------|--------|-----------|----|
| Pipe integrity in shed           | (Good  | Poor      | 1  |
| Pipe integrity at catch basin    | Good   | Poor      | 1  |
| Pipe at catch basin clear?       | (Yes   | No        | 1  |
| Pipe integrity at creek          | Good   | Poor      | 1  |
| Pipe at creek clear?             | (Yes)  | No        | 1  |
| Miscellaneous                    |        | <u>'</u>  | 1  |
| Shed integrity                   | Good   | Poor      | 1  |
| Shed ventillation acceptable?    | (Yes   | No        | 1  |
| Repairs/work needed?             | Yes    | NO        | 1  |
| Spill evidence?                  | Yes    | (N)       | 1  |
| Electrical controls operational? | Yes    | No        | 1  |
| Heater operational?              | Yes    | No        | NK |
| Vault integrity                  | Good   | Poor      | 1  |
| Repairs needed to vault?         | Yes    | <b>6W</b> | 1  |
| Sampling                         |        |           | 1  |
| Sampling performed?              | Yes    | Ne        | 1  |
| Sampling event                   | Mnthly | Qtrly     |    |
| Post Carbon 3 sampled @          |        |           |    |
| Post Carbon 2 sampled @          |        |           |    |
| Post Carbon 1 sampled @          |        |           |    |
| Pre Carbon sampled @             |        |           |    |
| Inside/Outside Sump sampled @    | /      |           |    |
| Recovery and Disp                | osal   |           |    |
| Pure DNAPL Recovery              | -      | Gallons   |    |
| DNAPL / Water Recovery           |        | Gallons   |    |
| DNAPL drums onsite               | _      | Drums     |    |
| Spent carbon drums onsite        | 2      | Drums     |    |
| PPE/Solids drums onsite          | 1      | Drums     |    |
| Drums labeled?                   | (es    | No        |    |
| Drums in storage unit?           | Yes    | No        |    |
| Club Vent System                 |        |           |    |
| Fan Running?                     | Yes    | No        |    |
| /ac at sump enclosure?           | Yes    | No        | NA |

Notes: Bleachd filtus

NYSDEC - Gastown 126 East Niagara St

Technician:

Date:

Totalizer:

Total Pumped:

Total Pumpe

|  | <del>\ \</del> | <del>'</del> |
|--|----------------|--------------|
|  | $\overline{}$  |              |
| Oil Water Separator  |                |              |
| High level shut-off operational?                               | (Yes           | No           |
| Red warning light operational?                                 | (Yes           | No           |
| Separator vessel integrity                                     | Good           | Poor         |
| Leaks present?   | Yes            | (No)         |
| Separator cover and seal integrity                             | Good           | Poor         |
| Decant valve integrity   | Good           | Poor         |
| LNAPL in separator?  | Yes            | 100          |
| Separator needs cleaning?                                      | Yes            | Nø           |
| Separator cleaned?   | Yes            | 140          |
| Transfer Pump and Pipi   | ing            |              |
| Pump operational?  | (Yes)          | No           |
| Pump integrity   | Good           | Poor         |
| Flow meter operational?  | Yes            | No           |
| Transfer pump flow rate  | 1.47           | GPM          |
| Filter 1 Pressure @ arrival (In/Out)                           | 25             | 5            |
| Filter 2 Pressure @ arrival(In/Out)                            | 30             | 4            |
| Filters changed?   | Yes            | 10           |
| Filter 1 Pressure @ departure (In/Out)                         |                |              |
| Filter 2 Pressure @ departure(In/Out)                          |                |              |
| Carbon Drums   | e#2h           |              |
| Primary carbon drum integrity                                  | Good           | Poor         |
| Primary carbon drum leaks?                                     | Yes            | AR9          |
| Primary carbon drum pressure                                   | 925            | PSI          |
| Primary removed for disposal?                                  | Yes            | Ø0           |
| Secondary carbon drum integrity                                | Géod           | Poor         |
| Secondary carbon drum leaks?                                   | Yes            | 4V8          |
| Secondarycarbon drum pressure                                  | 2              | PSI          |
| Secondary rotated to primary?                                  | Yes            | Nø           |
| Polishing carbon drum integrity                                | GOOD           | Poor         |
| Polishingcarbon drum leaks?                                    | Yes            | NO           |
|  |                |              |
| Polishing carbon drum pressure                                 | 1              | PSI          |
| Polishing carbon drum pressure Polishing rotated to secondary? | Yes            | PSI<br>No    |

| Discharge Pipin                  | g      |         | 7     |
|----------------------------------|--------|---------|-------|
| 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?             | Ves    | No      |       |
| Miscellaneous                    |        |         | 7     |
| Shed integrity                   | Good   | Poor    | 7     |
| Shed ventillation acceptable?    | (Yes)  | No      | 1     |
| Repairs/work needed?             | Yes    | (Vo)    | 1     |
| Spill evidence?                  | Yes    | (No     | 1     |
| Electrical controls operational? | Yes    | No      | 1     |
| Heater operational?              | Yes    | No      | WH    |
| Vault integrity                  | (Good) | Poor    | 1     |
| Repairs needed to vault?         | Yes    | 160     | 1     |
| Sampling                         |        |         | 1     |
| Sampling performed?              | Yes    | Nox     | 1     |
| Sampling event                   | Mnthly | Qtriv   | 1     |
| Post Carbon 3 sampled @          |        | 17      |       |
| Post Carbon 2 sampled @          |        |         |       |
| Post Carbon 1 sampled @          | /      | 1       | ]     |
| Pre Carbon sampled @             |        |         | 1     |
| Inside/Outside Sump sampled @    | V      |         | ]     |
| Recovery and Dispo               | sal    |         | ]     |
| Pure DNAPL Recovery              |        | Gallons |       |
| DNAPL / Water Recovery           |        | Gallons | 1     |
| DNAPL drums onsite               | _      | Drums   | 1     |
| Spent carbon drums onsite        | 2      | Drums   |       |
| PPE/Solids drums onsite          | )      | Drums   |       |
| Drums labeled?                   | (Yey   | No      |       |
| Drums in storage unit?           | (Yes)  | No      |       |
| Club Vent System                 | 1      |         |       |
| Fan Running?                     | (es    | No      |       |
| Vac at sump enclosure?           | Yes    | I(O)    | NO CO |
|                                  |        |         |       |

| Technician:  | m            |            | Totalizer:                 | 189826    |
|--------------|--------------|------------|----------------------------|-----------|
| Date:        | 8417         |            | Total Pumped:              | 9938      |
| Weather:     | 700 clark    | w/Tishners | _                          | ,         |
| System Statu | s (Arrival): | (Up/ Down  | System Status (Departure): | (Up) Down |

| Oil Water Separator                    |      |          |
|--|------|----------|
| High level shut-off operational?       | Yes  | No       |
| Red warning light operational?         | Yes  | No       |
| Separator vessel integrity             | Good | Poor     |
| Leaks present?                         | Yes  | No       |
| Separator cover and seal integrity     | Good | Poor     |
| Decant valve integrity                 | Good | Poor     |
| LNAPL in separator?                    | Yes  | No       |
| Separator needs cleaning?              | Yes  | No       |
| Separator cleaned?                     | Yes  | No       |
| Transfer Pump and Pipi                 | ing  |          |
| Pump operational?                      | Yes  | No       |
| Pump integrity                         | Good | Poor     |
| Flow meter operational?                | Yes  | No       |
| Transfer pump flow rate                | 1,48 | GPM      |
| Filter 1 Pressure @ arrival (In/Out)   | 30   | 2        |
| Filter 2 Pressure @ arrival(In/Out)    | 30.  | 4        |
| Filters changed?                       | Yes  | No       |
| Filter 1 Pressure @ departure (In/Out) | 15   | 9        |
| Filter 2 Pressure @ departure(In/Out)  | 7    | P        |
| Carbon Drums                           |      | <u> </u> |
| Primary carbon drum integrity          | Good | Poor     |
| Primary carbon drum leaks?             | Yes  | No       |
| Primary carbon drum pressure           | G    | PSI      |
| Primary removed for disposal?          | Yes  | Nø       |
| Secondary carbon drum integrity        | Good | Poor     |
| Secondary carbon drum leaks?           | Yes  | No       |
| Secondarycarbon drum pressure          | 3    | PSI      |
| Secondary rotated to primary?          | Yes  | NO       |
| Polishing carbon drum integrity        | Good | Poor     |
| Polishingcarbon drum leaks?            | Yes  | No       |
| Polishing carbon drum pressure         | 1    | PSI      |
| Polishing rotated to secondary?        | Yes  | No       |
| New carbon polishing drum?             | Yes  | No       |
| Notes:                                 |      |          |

|                                  |        |         | _  |
|----------------------------------|--------|---------|----|
| Discharge Pipin                  | g      |         | 1  |
| Pipe integrity in shed           | Good   | Poor    | 1  |
| Pipe integrity at catch basin    | Good   | Poor    | 1  |
| Pipe at catch basin clear?       | Yes    | No      | 1  |
| Pipe integrity at creek          | Good   | Poor    | 1  |
| Pipe at creek clear?             | Yes    | No      | 1  |
| Miscellaneous                    |        |         | 1  |
| Shed integrity                   | Good   | Poor    | 1  |
| Shed ventillation acceptable?    | (Yes)  | No      |    |
| Repairs/work needed?             | Yes    | No      | 1  |
| Spill evidence?                  | Yes    | No      | 1  |
| Electrical controls operational? | Yes    | No      | 1  |
| Heater operational?              | Yes    | No      | MA |
| Vault integrity                  | Good   | Poor    | 1  |
| Repairs needed to vault?         | Yes    | No      | 1  |
| Sampling                         |        |         | 1  |
| Sampling performed?              | Yes    | No      | 1  |
| Sampling event                   | Mnthly | Qtrly   | 1  |
| Post Carbon 3 sampled @          |        |         | 1  |
| Post Carbon 2 sampled @          |        |         | 1  |
| Post Carbon 1 sampled @          | /      |         | 1  |
| Pre Carbon sampled @             |        |         | 1  |
| Inside/Outside Sump sampled @    | /      |         |    |
| Recovery and Dispo               | osal   |         |    |
| Pure DNAPL Recovery              | 2      | Gallons |    |
| DNAPL / Water Recovery           |        | Gallons |    |
| DNAPL drums onsite               | _      | Drums   |    |
| Spent carbon drums onsite        | Z      | Drums   |    |
| PPE/Solids drums onsite          | ,      | Drums   |    |
| Drums labeled?                   | Yes    | No      |    |
| Drums in storage unit?           | Yes    | No      |    |
| Club Vent Systen                 | 1      |         |    |
| Fan Running?                     | Yes    | No      |    |
| Vac at sump enclosure?           | Yes    | No      | an |
|                                  |        |         |    |

| Technician:   | ul           |         | Totalizer:                 | 203374  |
|---------------|--------------|---------|----------------------------|---------|
| Date:         | SILV         |         | Total Pumped:              | 13568   |
| Weather:      | 700 che 4    |         |                            |         |
| System Status | s (Arrival): | Up Down | System Status (Departure): | Up Down |

| LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Yes  No   |  |      |      |  |  |  |  |  |
|--|--|------|------|--|--|--|--|--|
| High level shut-off operational?  Red warning light operational?  Separator vessel integrity  Leaks present?  Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator cleaned?  Yes  Separator cleaned?  Yes  Separator cleaned?  Yes  No  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure 8 Poor  Primary carbon drum integrity  Food Poor  Primary carbon drum pressure  Primary removed for disposal?  Yes  No  Secondary carbon drum leaks?  Yes  No  Secondary carbon drum leaks?  Yes  No  Secondary carbon drum leaks?  Yes  No  Secondary carbon drum pressure  PSI  | Oil Water Separator                    |      |      |  |  |  |  |  |
| Red warning light operational?  Separator vessel integrity Leaks present?  Separator cover and seal integrity Decant valve integrity LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Pump operational?  Pump operational?  Pump integrity Flow meter operational?  Filter 1 Pressure @ arrival (In/Out) Filters changed?  Filter 2 Pressure @ departure (In/Out) Filter 3 Pressure @ departure (In/Out) Filter 4 Pressure @ departure (In/Out) Filter 5 Pressure @ departure (In/Out) Filter 6 Pressure @ departure (In/Out) Filter 7 Pressure @ departure (In/Out) Filter 8 Pressure 9 Primary carbon drum integrity Filter 9 Primary carbon drum pressure Frimary carbon drum pressure Frimary removed for disposal?  Primary removed for disposal?  Secondary carbon drum leaks?  Poor Secondary carbon drum leaks?  Poor Secondary carbon drum leaks?  Poor Secondary carbon drum pressure   |  |      |      |  |  |  |  |  |
| Separator vessel integrity Leaks present? Separator cover and seal integrity Decant valve integrity LNAPL in separator? Separator needs cleaning? Separator cleaned?  Transfer Pump and Piping  Pump operational? Pump integrity Filter 1 Pressure @ arrival (In/Out) Filter 2 Pressure @ departure (In/Out) Filter 3 Pressure @ departure (In/Out) Filter 4 Pressure @ departure (In/Out) Filter 5 Pressure @ departure (In/Out) Filter 6 Pressure @ departure (In/Out) Filter 7 Pressure @ departure (In/Out) Filter 8 Pressure 9 Primary carbon drum leaks? Primary carbon drum pressure Primary removed for disposal? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure  |  | -    |      |  |  |  |  |  |
| Leaks present?  Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Filow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Primary carbon drum integrity  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum pressure  PSI   |  | -    |      |  |  |  |  |  |
| Separator cover and seal integrity  Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filters changed?  Filter 2 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure @ departure (In/Out)  Filter 7 Pressure @ departure (In/Out)  Filter 8 Pressure @ departure (In/Out)  Filter 9 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Filter 9 Poor  Primary carbon drum pressure  Primary removed for disposal?  Yes No  Secondary carbon drum leaks?  Yes No  Secondary carbon drum leaks?  Yes No  Secondary carbon drum pressure  PSI  |  |      |      |  |  |  |  |  |
| Decant valve integrity  LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filters changed?  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum leaks?  Secondary carbon drum pressure   |  |      |      |  |  |  |  |  |
| LNAPL in separator?  Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure   |  |      | Poor |  |  |  |  |  |
| Separator needs cleaning?  Separator cleaned?  Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Filter 6 Pressure 8 Primary carbon drum integrity  Filter 7 Pressure 9 Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  PSI  PSI  PSI  PSI  PSI  PSI  PS  |  | Yes  | No   |  |  |  |  |  |
| Transfer Pump and Piping  Pump operational?  Pump integrity  Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filters changed?  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure (In/Out)  Filter 3 Pressure @ departure (In/Out)  Filter 4 Pressure @ departure (In/Out)  Filter 5 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum pressure  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  PSI  PSI  PSI  PSI  PSI  PSI  PS   |  |      |      |  |  |  |  |  |
| Pump operational? Pump integrity Flow meter operational? Transfer pump flow rate Filter 1 Pressure @ arrival (In/Out) Filter 2 Pressure @ departure (In/Out) Filter 1 Pressure @ departure (In/Out) Filter 2 Pressure @ departure (In/Out) Filter 2 Pressure @ departure (In/Out) Filter 3 Pressure @ departure (In/Out) Filter 4 Pressure @ departure (In/Out) Filter 5 Pressure @ departure (In/Out) Filter 6 Pressure 8 Primary carbon drum leaks? Primary carbon drum pressure Primary removed for disposal? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure PSI   | ·                                      | Yes  |      |  |  |  |  |  |
| Pump integrity Flow meter operational? Flow meter operational? Transfer pump flow rate Filter 1 Pressure @ arrival (In/Out) Filter 2 Pressure @ arrival(In/Out) Filter 1 Pressure @ departure (In/Out) Filter 2 Pressure @ departure (In/Out) Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity Frimary carbon drum leaks? Primary carbon drum pressure Primary removed for disposal? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure PSI Secondary carbon drum leaks? Secondary carbon drum pressure PSI   |  | ng   |      |  |  |  |  |  |
| Pump integrity Flow meter operational? Flow meter operational? Transfer pump flow rate Filter 1 Pressure @ arrival (In/Out) Filter 2 Pressure @ arrival(In/Out) Filter 1 Pressure @ departure (In/Out) Filter 2 Pressure @ departure (In/Out) Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity Frimary carbon drum leaks? Primary carbon drum pressure Primary removed for disposal? Secondary carbon drum leaks? Secondary carbon drum leaks? Secondary carbon drum pressure PSI Secondary carbon drum leaks? Secondary carbon drum pressure PSI   | Pump operational?                      | Yes  | No   |  |  |  |  |  |
| Flow meter operational?  Transfer pump flow rate  Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  PSI  Secondary carbon drum pressure  PSI  Secondary carbon drum leaks?  PSI  Secondary carbon drum pressure  PSI  PSI  PSI  PSI  PSI  PSI  PSI  PS   |  |      | Poor |  |  |  |  |  |
| Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Filter 2 Pressure @ departure (In/Out)  Carbon Drums  Primary carbon drum integrity  Food Poor  Secondary carbon drum leaks?  Food Poor  Secondary carbon drum pressure  PSI  PSI  PSI  PSI  PSI  PSI  PSI  PS   | Flow meter operational?                |      | No   |  |  |  |  |  |
| Filter 1 Pressure @ arrival (In/Out)  Filter 2 Pressure @ arrival(In/Out)  Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  PSI  Secondary carbon drum leaks?  PSI  Secondary carbon drum pressure  PSI  PSI  PSI  PSI  PSI  PSI  PSI  PS  | Transfer pump flow rate                | 2.48 | GPM  |  |  |  |  |  |
| Filters changed?  Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  Pood  Poor  Secondary carbon drum leaks?  PSI  PSI  PSI  PSI  PSI  PSI  PSI  PS  | Filter 1 Pressure @ arrival (In/Out)   |      | 7    |  |  |  |  |  |
| Filter 1 Pressure @ departure (In/Out)  Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity  Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  PSI  PSI  PSI  PSI  PSI  PSI  PS  | Filter 2 Pressure @ arrival(In/Out)    | 14   | 5    |  |  |  |  |  |
| Filter 2 Pressure @ departure(In/Out)  Carbon Drums  Primary carbon drum integrity Good Poor Primary carbon drum leaks? Yes No Primary carbon drum pressure Primary removed for disposal? Yes No Secondary carbon drum integrity Good Poor Secondary carbon drum leaks? Yes No Secondary carbon drum pressure PSI  | Filters changed?                       | Yes  | No   |  |  |  |  |  |
| Carbon Drums  Primary carbon drum integrity Good Poor Primary carbon drum leaks? Yes No Primary carbon drum pressure Secondary carbon drum integrity Good Poor Secondary carbon drum leaks? Yes No Secondary carbon drum leaks? Yes No Secondary carbon drum pressure Secondary carbon drum pressure Secondary carbon drum pressure Secondary Secondary Carbon drum pressure Secondary Secondary Carbon drum pressure Secondary Carbon drum pressu | Filter 1 Pressure @ departure (In/Out) |      |      |  |  |  |  |  |
| Primary carbon drum integrity Primary carbon drum leaks? Primary carbon drum pressure Primary removed for disposal? Secondary carbon drum integrity Secondary carbon drum leaks? Secondary carbon drum pressure   | Filter 2 Pressure @ departure(In/Out)  |      |      |  |  |  |  |  |
| Primary carbon drum leaks?  Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum pressure  Primary removed for disposal?  Yes  No  Secondary carbon drum leaks?  PSI  | Carbon Drums                           |      |      |  |  |  |  |  |
| Primary carbon drum pressure  Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  PSI  PSI  PSI  PSI  PSI  PSI  PS  | Primary carbon drum integrity          | Good | Poor |  |  |  |  |  |
| Primary removed for disposal?  Secondary carbon drum integrity  Secondary carbon drum leaks?  Secondary carbon drum pressure  PSI  No  PSI   | Primary carbon drum leaks?             | Yes  | NO   |  |  |  |  |  |
| Secondary carbon drum integrity Secondary carbon drum leaks? Secondarycarbon drum pressure  Pood Poor Poor Poor Poor Poor Poor Poo   | Primary carbon drum pressure           | 5    | PSI  |  |  |  |  |  |
| Secondary carbon drum leaks?  Secondarycarbon drum pressure  PSI   | Primary removed for disposal?          | Yes  | No   |  |  |  |  |  |
| Secondarycarbon drum pressure 3 PSI  | Secondary carbon drum integrity        | Good | Poor |  |  |  |  |  |
|  | Secondary carbon drum leaks?           | Yes  | No   |  |  |  |  |  |
| Secondary rotated to primary?  Yes (No   | Secondarycarbon drum pressure          | 3    | PSI  |  |  |  |  |  |
|  | Secondary rotated to primary?          | Yes  | No   |  |  |  |  |  |
| Polishing carbon drum integrity Good Poor  | Polishing carbon drum integrity        | Good | Poor |  |  |  |  |  |
| Polishingcarbon drum leaks? Yes No   | Polishingcarbon drum leaks?            | Yes  | NO   |  |  |  |  |  |
| Polishing carbon drum pressure / PSI   | Polishing carbon drum pressure         | 6    | PSI  |  |  |  |  |  |
| Polishing rotated to secondary? Yes No   | Polishing rotated to secondary?        | Yes  | Nø   |  |  |  |  |  |
| New carbon polishing drum? Yes 40  | New carbon polishing drum?             | Yes  | NO   |  |  |  |  |  |

| Discharge Pipin                  |        |         |  |  |  |
|----------------------------------|--------|---------|--|--|--|
| 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                    |        |         |  |  |  |
| Shed integrity                   | Good   | Poor    |  |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |  |
| Repairs/work needed?             | Yes    | No      |  |  |  |
| Spill evidence?                  | Yes    | No      |  |  |  |
| Electrical controls operational? | Yes    | No      |  |  |  |
| Heater operational?              | Yes    | No      |  |  |  |
| Vault integrity                  | Good   | Poor    |  |  |  |
| Repairs needed to vault?         | Yes    | No      |  |  |  |
| Sampling                         |        |         |  |  |  |
| Sampling performed?              | Yes    | No      |  |  |  |
| Sampling event                   | Mnthly | Qtrly   |  |  |  |
| Post Carbon 3 sampled @          |        |         |  |  |  |
| Post Carbon 2 sampled @          |        |         |  |  |  |
| Post Carbon 1 sampled @          |        |         |  |  |  |
| Pre Carbon sampled @             |        |         |  |  |  |
| Inside/Outside Sump sampled @    | 1      |         |  |  |  |
| Recovery and Disposal            |        |         |  |  |  |
| Pure DNAPL Recovery              | mpt ma | Gallons |  |  |  |
| DNAPL / Water Recovery           | _      | Gallons |  |  |  |
| DNAPL drums onsite               | _      | Drums   |  |  |  |
| Spent carbon drums onsite        | 2      | Drums   |  |  |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |  |  |
| Drums labeled?                   | Yes    | No      |  |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |  |
| Club Vent System                 | 1      |         |  |  |  |
| Fan Running?                     | Yes    | No      |  |  |  |
|                                  |        |         |  |  |  |

| Technician:   | MYC        |          | Totalizer:                 | 212775  |
|---------------|------------|----------|----------------------------|---------|
| Date:         | 8 18 17    |          | Total Pumped:              | 9401    |
| Weather:      | 5mg 802    |          | _                          |         |
| System Status | (Arrival): | Up) Down | System Status (Departure): | Up Down |

| Oil Water Separator                    |       |      |
|--|-------|------|
| High level shut-off operational?       | Yes ) | No   |
| Red warning light operational?         | Yes   | No   |
| Separator vessel integrity             | Good  | Poor |
| Leaks present?                         | Yes   | No   |
| Separator cover and seal integrity     | Good  | Poor |
| Decant valve integrity                 | Good  | Poor |
| LNAPL in separator?                    | Yes   | No   |
| Separator needs cleaning?              | Yes   | Nø   |
| Separator cleaned?                     | Yes   | Nø   |
| Transfer Pump and Pipi                 | ng    |      |
| Pump operational?                      | Yes   | No   |
| Pump integrity                         | Good  | Poor |
| Flow meter operational?                | Yes   | No   |
| Transfer pump flow rate                | 154   | GPM  |
| Filter 1 Pressure @ arrival (in/Out)   | 24    | 6    |
| Filter 2 Pressure @ arrival(In/Out)    | 22    | (    |
| Filters changed?                       | Yes   | No   |
| Filter 1 Pressure @ departure (In/Out) |       |      |
| Filter 2 Pressure @ departure(In/Out)  |       | ·    |
| Carbon Drums                           |       |      |
| Primary carbon drum integrity          | Good  | Poor |
| Primary carbon drum leaks?             | Yes   | No   |
| Primary carbon drum pressure           | 4     | PSI  |
| Primary removed for disposal?          | Yes   | No   |
| Secondary carbon drum integrity        | Good  | Poor |
| Secondary carbon drum leaks?           | Yes   | No   |
| Secondarycarbon drum pressure          | 2_    | PSI  |
| Secondary rotated to primary?          | Yes   | No   |
| Polishing carbon drum integrity        | Good  | Poor |
| Polishingcarbon drum leaks?            | Yes   | No   |
| Polishing carbon drum pressure         | 1     | PSI  |
| Polishing rotated to secondary?        | Yes   | No   |
| New carbon polishing drum?             | Yes   | No   |
| Notes:                                 |       |      |

|                                  | 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                    |                  |         |  |  |  |  |  |
| Shed integrity                   | Good             | Poor    |  |  |  |  |  |
| Shed ventillation acceptable?    | Yes              | No      |  |  |  |  |  |
| Repairs/work needed?             | Yes              | No      |  |  |  |  |  |
| Spill evidence?                  | Yes              | No      |  |  |  |  |  |
| Electrical controls operational? | Yes              | No      |  |  |  |  |  |
| Heater operational?              | Yes              | No      |  |  |  |  |  |
| Vault integrity                  | Good             | Poor    |  |  |  |  |  |
| Repairs needed to vault?         | Yes              | No      |  |  |  |  |  |
| Sampling                         |                  |         |  |  |  |  |  |
| Sampling performed?              | Yes              | No      |  |  |  |  |  |
| Sampling event                   | Mnthly           | Qtrly   |  |  |  |  |  |
| Post Carbon 3 sampled @          | 1300             |         |  |  |  |  |  |
| Post Carbon 2 sampled @          | 1305             |         |  |  |  |  |  |
| Post Carbon 1 sampled @          | 1310             |         |  |  |  |  |  |
| Pre Carbon sampled @             | 1315             |         |  |  |  |  |  |
| Inside/Outside Sump sampled @    | 1330             |         |  |  |  |  |  |
| Recovery and Disposal            |                  |         |  |  |  |  |  |
| Pure DNAPL Recovery              | <u> </u>         | Gallons |  |  |  |  |  |
| DNAPL / Water Recovery           |                  | Gallons |  |  |  |  |  |
| DNAPL drums onsite               | -                | Drums   |  |  |  |  |  |
| Spent carbon drums onsite        | 7                | Drums   |  |  |  |  |  |
| PPE/Solids drums onsite          | 1                | Drums   |  |  |  |  |  |
| Drums labeled?                   | Yes              | No      |  |  |  |  |  |
| Drums in storage unit?           | Yes              | No      |  |  |  |  |  |
| Club Vent System                 | 1                |         |  |  |  |  |  |
| Fan Running?                     | Yes              | No      |  |  |  |  |  |
| Vac at sump enclosure?           | Yes              | No      |  |  |  |  |  |
|                                  |                  |         |  |  |  |  |  |

| Technician:                            |       |      | Totalizer:                       | 22128  | 8       |    |
|--|-------|------|----------------------------------|--------|---------|----|
| Date: \$ 75(1)                         |       |      | Total Pumped:                    | _      | 213     | _  |
| Weather: 70 Summy                      |       |      |                                  | 0      | 31)     | _  |
| 10 3000                                |       |      |                                  |        |         |    |
| System Status (Arrival):               | Up    | Down | System Status (Departure):       | Up     | Down    |    |
| Oil Water Separato                     | or    |      | Discharge Pipi                   | ing    |         | 7  |
| High level shut-off operational?       | (Yes  | No   | Pipe integrity in shed           | Geog   | Poor    | -  |
| Red warning light operational?         | (Yes  | No   | Pipe integrity at catch basin    | Good   |         | 1  |
| Separator vessel integrity             | Good  | Poor | Pipe at catch basin clear?       | (Ye)   | No      | 1  |
| Leaks present?                         | Yes   | NO   | Pipe integrity at creek          | Good   |         | 1  |
| Separator cover and seal integrity     | Good  | Poor | Pipe at creek clear?             | (Yes   | No      | 1  |
| Decant valve integrity                 | Good  | Poor | Miscellaneou                     |        |         | 1  |
| LNAPL in separator?                    | Yes   | (No  | Shed integrity                   | Good   | Poor    | 1  |
| Separator needs cleaning?              | Yes   | (1)  | Shed ventillation acceptable?    | (Yes   | No      | 1  |
| Separator cleaned?                     | Yes   | Nø   | Repairs/work needed?             | Yes    | 10      | 1  |
| Transfer Pump and Pip                  | ing   |      | Spill evidence?                  | Yes    | (10)    | 1  |
| Pump operational?                      | (Yes) | No   | Electrical controls operational? | Yes    | No      |    |
| Pump integrity                         | Good  | Poor | Heater operational?              | Yes    |         | NK |
| Flow meter operational?                | Yes   | No   | Vault integrity                  | Godd   | Poor    |    |
| Transfer pump flow rate                | 1,45  | GPM  | Repairs needed to vault?         | Yes    | NO      |    |
| Filter 1 Pressure @ arrival (In/Out)   | 15    | 4    | Sampling                         |        |         |    |
| Filter 2 Pressure @ arrival(In/Out)    | 28    | 5    | Sampling performed?              | Yes    | (Ng)    |    |
| Filters changed? only 284              | (es)  | No   | Sampling event                   | Mnthly | Øtrly   |    |
| Filter 1 Pressure @ departure (In/Out) | 17    | 7    | Post Carbon 3 sampled @          |        |         |    |
| Filter 2 Pressure @ departure(In/Out)  | 8     | 6    | Post Carbon 2 sampled @          |        |         |    |
| Carbon Drums                           |       |      | Post Carbon 1 sampled @          | 1      |         |    |
| Primary carbon drum integrity          | රෙගේ  | Poor | Pre Carbon sampled @             |        |         |    |
| Primary carbon drum leaks?             | Yes   | 100  | Inside/Outside Sump sampled @    |        |         |    |
| Primary carbon drum pressure           | 5     | PSI  | Recovery and Dispe               | osal   |         |    |
| Primary removed for disposal?          | Yes   | (b)  | Pure DNAPL Recovery              |        | Gallons |    |
| Secondary carbon drum integrity        | Good  | Poor | DNAPL / Water Recovery           | -      | Gallons |    |
| Secondary carbon drum leaks?           | Yes   | NO   | DNAPL drums onsite               | -      | Drums   |    |
| Secondarycarbon drum pressure          | 4     | PŞI  | Spent carbon drums onsite        | 2      | Drums   |    |
| Secondary rotated to primary?          | Yes   | No   | PPE/Solids drums onsite          | 7      | Drums   |    |

Poor

Me

**PSI** 

NO

NO

Good

Yes

Yes

Yes

PPE/Solids drums onsite

Drums in storage unit?

Vac at sump enclosure?

Drums labeled?

Fan Running?

Drums

No

No

No

No

(Yes)

Yes

(Yes

Yes

**Club Vent System** 

Notes:

Polishing carbon drum integrity

Polishing carbon drum pressure

Polishing rotated to secondary?

Polishingcarbon drum leaks?

New carbon polishing drum?

| Technician:   | _ W          | W    |        |      | Totalizer:                 | 22 | 1353 | 9    |
|---------------|--------------|------|--------|------|----------------------------|----|------|------|
| Date:         | 9            | 117  | _      |      | Total Pumped:              |    | 22   | 51   |
| Weather:      | Sun          | 5021 | 60:    |      | _                          |    |      |      |
|               | }            |      |        |      |                            |    |      |      |
| System Status | s (Arrival): |      | ( Up ] | Down | System Status (Departure): |    | Up   | Down |

| Oil Water Separator                    |       |      |
|--|-------|------|
| High level shut-off operational?       | Yes   | No   |
| Red warning light operational?         | Yes   | No   |
| Separator vessel integrity             | Good  | Poor |
| Leaks present?                         | Yes   | Na   |
| Separator cover and seal integrity     | Good  | Poor |
| Decant valve integrity                 | Good  | Poor |
| LNAPL in separator?                    | Yes   | No   |
| Separator needs cleaning?              | Yes   | No   |
| Separator cleaned?                     | Yes   | No   |
| Transfer Pump and Pipi                 | ng    |      |
| Pump operational?                      | (Yes) | No   |
| Pump integrity                         | Good  | Poor |
| Flow meter operational?                | (Yes) | No   |
| Transfer pump flow rate                | 1.52  | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 20    | 5    |
| Filter 2 Pressure @ arrival(In/Out)    | 71    | 5-   |
| Filters changed?                       | Yes   | No   |
| Filter 1 Pressure @ departure (In/Out) |       |      |
| Filter 2 Pressure @ departure(In/Out)  |       |      |
| Carbon Drums                           |       |      |
| Primary carbon drum integrity          | Good  | Poor |
| Primary carbon drum leaks?             | Yes   | No   |
| Primary carbon drum pressure           | 4     | PSI  |
| Primary removed for disposal?          | Yes   | No   |
| Secondary carbon drum integrity        | Good  | Poor |
| Secondary carbon drum leaks?           | Yes   | No   |
| Secondarycarbon drum pressure          | 2     | PSI  |
| Secondary rotated to primary?          | Yes   | No   |
| Polishing carbon drum integrity        | Good  | Poor |
| Polishingcarbon drum leaks?            | Yes   | Nο   |
| Polishing carbon drum pressure         |       | PSI  |
| Polishing rotated to secondary?        | Yes   | No   |
| New carbon polishing drum?             | Yes   | No   |
| Notes:                                 |       |      |

| Discharge Pipin                  | g      |         |  |  |  |
|----------------------------------|--------|---------|--|--|--|
| Pipe integrity in shed           | Good   | Poor    |  |  |  |
| Pipe integrity at catch basin    | Good   | Poor    |  |  |  |
| Pipe at catch basin clear?       | Yes    | No      |  |  |  |
| Pipe integrity at creek          | Good   | Poor    |  |  |  |
| Pipe at creek clear?             | (es)   | No      |  |  |  |
| Miscellaneous                    |        |         |  |  |  |
| Shed integrity                   | Good   | Poor    |  |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |  |
| Repairs/work needed?             | Yes    | No      |  |  |  |
| Spill evidence?                  | Yes    | (No     |  |  |  |
| Electrical controls operational? | Yes    | No      |  |  |  |
| Heater operational?              | (Yes)  | No      |  |  |  |
| Vault integrity                  | Good   | Poor    |  |  |  |
| Repairs needed to vault?         | Yes    | No      |  |  |  |
| Sampling                         |        |         |  |  |  |
| Sampling performed?              | Yes    | No      |  |  |  |
| Sampling event                   | Mnthly | Otrly   |  |  |  |
| Post Carbon 3 sampled @          |        |         |  |  |  |
| Post Carbon 2 sampled @          |        |         |  |  |  |
| Post Carbon 1 sampled @          |        |         |  |  |  |
| Pre Carbon sampled @             | /      |         |  |  |  |
| Inside/Outside Sump sampled @    |        |         |  |  |  |
| Recovery and Disposal            |        |         |  |  |  |
| Pure DNAPL Recovery              | -      | Gallons |  |  |  |
| DNAPL / Water Recovery           | _      | Gallons |  |  |  |
| DNAPL drums onsite               | _      | Drums   |  |  |  |
| Spent carbon drums onsite        | 2      | Drums   |  |  |  |
| PPE/Solids drums onsite          | 7      | Drums   |  |  |  |
| Drums labeled?                   | Yes    | No      |  |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |  |
| Club Vent System                 | 1      |         |  |  |  |
| Fan Running?                     | Yes    | No      |  |  |  |
| Vac at sump enclosure?           | Yes    | No      |  |  |  |

| Technician: | ule             | Totalizer:    | 27093 |
|-------------|-----------------|---------------|-------|
| Date:       | 9/7/17          | Total Pumped: | 3554  |
| Weather:    | 50:-60: Showers | -             |       |

System Status (Arrival):

| Up |  | Down | System Status (Departure): |  |
|----|--|------|----------------------------|--|
|----|--|------|----------------------------|--|

| Up | Down |
|----|------|

| Oil Water Separato                     | r    |      |
|--|------|------|
| High level shut-off operational?       | Yes  | No   |
| Red warning light operational?         | Yes  | No   |
| Separator vessel integrity             | Good | Poor |
| Leaks present?                         | Yes  | No   |
| Separator cover and seal integrity     | Good | Poor |
| Decant valve integrity                 | Good | Poor |
| LNAPL in separator?                    | Yes  | No   |
| Separator needs cleaning?              | Yes  | No   |
| Separator cleaned?                     | Yes  | No   |
| Transfer Pump and Pip                  |      |      |
| Pump operational?                      | Yes  | No   |
| Pump integrity                         | Good | Poor |
| Flow meter operational?                | Yes  | No   |
| Transfer pump flow rate                | 146  | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 7.7  | 5    |
| Filter 2 Pressure @ arrival(In/Out)    | 13   | 3    |
| Filters changed?                       | Yes  | NO   |
| Filter 1 Pressure @ departure (In/Out) |      |      |
| Filter 2 Pressure @ departure(In/Out)  |      |      |
| Carbon Drums                           |      |      |
| Primary carbon drum integrity          | Good | Poor |
| Primary carbon drum leaks?             | Yes  | No   |
| Primary carbon drum pressure           | 4    | PSI  |
| Primary removed for disposal?          | Yes  | No   |
| Secondary carbon drum integrity        | Good | Poor |
| Secondary carbon drum leaks?           | Yes  | 419  |
| Secondarycarbon drum pressure          | 2    | PSI  |
| Secondary rotated to primary?          | Yes  | No   |
| Polishing carbon drum integrity        | Good | Poor |
| Polishingcarbon drum leaks?            | Yes  | NO   |
| Polishing carbon drum pressure         | 1    | PSI  |
| Polishing rotated to secondary?        | Yes  | No   |
| lew carbon polishing drum?             | Yes  | Ne   |
| lotes:                                 |      |      |

| Discharge Pipin                  | g          |         | 7  |
|----------------------------------|------------|---------|----|
| Pipe integrity in shed           | Good       | Poor    | 1  |
| Pipe integrity at catch basin    | Good       | Poor    | 1  |
| Pipe at catch basin clear?       | Yes        | No      | 7  |
| Pipe integrity at creek          | Good       | Poor    | 1  |
| Pipe at creek clear?             | Yes        | No      | 7  |
| Miscellaneous                    |            |         | 7  |
| Shed integrity                   | Good       | Poor    | 7  |
| Shed ventillation acceptable?    | Yes        | No      | 7  |
| Repairs/work needed?             | Yes        | No      | 7  |
| Spill evidence?                  | Yes        | No      | 1  |
| Electrical controls operational? | Yes        | No      | 1  |
| Heater operational?              | Yes        | No      | NA |
| Vault integrity                  | Good       | Poor    | 1  |
| Repairs needed to vault?         | Yes        | 1NO     | 1  |
| Sampling                         |            |         | 1  |
| Sampling performed?              | Yes        | No      | 1  |
| Sampling event                   | Mnthly     | Otrly   | 1  |
| Post Carbon 3 sampled @          |            | /       | 1  |
| Post Carbon 2 sampled @          |            |         | 1  |
| Post Carbon 1 sampled @          | 7          |         | 1  |
| Pre Carbon sampled @             |            |         | 1  |
| Inside/Outside Sump sampled @    | /          |         | 1  |
| Recovery and Dispo               | sal        |         | 1  |
| Pure DNAPL Recovery              | Williams . | Gallons | 1  |
| DNAPL / Water Recovery           | -          | Gallons |    |
| DNAPL drums onsite               | _          | Drums   |    |
| Spent carbon drums onsite        | 2          | Drums   |    |
| PPE/Solids drums onsite          | -          | Drums   |    |
| Drums labeled?                   | (es        | No      |    |
| Drums in storage unit?           | Yes        | No      |    |
| Club Vent System                 |            |         |    |
| Fan Running?                     | Yes        | No      |    |
| Vac at sump enclosure?           | Yes        | No      | M  |

| Technician: | mill     | Totalizer:    | 229814 |
|-------------|----------|---------------|--------|
| Date:       | 915      | Total Pumped: | 2721   |
| Weather:    | Sung Wir |               |        |

System Status (Arrival):

| Up | Down          | System |
|----|---------------|--------|
|    | $\overline{}$ |        |

System Status (Departure):

| (Up | Down |
|-----|------|

| Oil Water Separator                    | Oil Water Separator |      |  |  |
|--|---------------------|------|--|--|
| High level shut-off operational?       | Yes                 | No   |  |  |
| Red warning light operational?         | Yes                 | No   |  |  |
| Separator vessel integrity             | Good                | Poor |  |  |
| Leaks present?                         | Yes                 | No   |  |  |
| Separator cover and seal integrity     | Good                | Poor |  |  |
| Decant valve integrity                 | Good                | Poor |  |  |
| LNAPL in separator?                    | Yes                 | No   |  |  |
| Separator needs cleaning?              | Yes                 | No   |  |  |
| Separator cleaned?                     | Yes                 | Nø   |  |  |
| Transfer Pump and Pip                  | ing                 |      |  |  |
| Pump operational?                      | (Yes)               | No   |  |  |
| Pump integrity                         | Good                | Poor |  |  |
| Flow meter operational?                | Yes                 | No   |  |  |
| Transfer pump flow rate                | 2.30                | GPM  |  |  |
| Filter 1 Pressure @ arrival (In/Out)   | 35                  | G    |  |  |
| Filter 2 Pressure @ arrival(In/Out)    | 25                  | G    |  |  |
| Filters changed?                       | Yes                 | (N)  |  |  |
| Filter 1 Pressure @ departure (In/Out) |                     |      |  |  |
| Filter 2 Pressure @ departure(In/Out)  |                     |      |  |  |
| Carbon Drums                           |                     | l fi |  |  |
| Primary carbon drum integrity          | Good                | Poor |  |  |
| Primary carbon drum leaks?             | Yes                 | No   |  |  |
| Primary carbon drum pressure           | 5                   | PSI  |  |  |
| Primary removed for disposal?          | Yes                 | No   |  |  |
| Secondary carbon drum integrity        | Good                | Poor |  |  |
| Secondary carbon drum leaks?           | Yes                 | No   |  |  |
| Secondarycarbon drum pressure          | 4                   | PSI  |  |  |
| Secondary rotated to primary?          | Yes                 | No   |  |  |
| Polishing carbon drum integrity        | Good                | Poor |  |  |
| Polishingcarbon drum leaks?            | Yes                 | NO   |  |  |
| Polishing carbon drum pressure         |                     | PSI  |  |  |
| Polishing rotated to secondary?        | Yes                 | No   |  |  |
| New carbon polishing drum?             | Yes                 | No   |  |  |
| Notes:                                 |                     |      |  |  |

| Discharge Pipir                  |        |         |  |
|----------------------------------|--------|---------|--|
| Pipe integrity in shed           | Good   |         |  |
| 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                    |        |         |  |
| Shed integrity                   | Good   | Poor    |  |
| Shed ventillation acceptable?    | (Yes)  | No      |  |
| Repairs/work needed?             | Yes    | (No     |  |
| Spill evidence?                  | Yes    | No      |  |
| Electrical controls operational? | Yes    | No      |  |
| Heater operational?              | Yes    | No      |  |
| Vault integrity                  | Good   | Poor    |  |
| Repairs needed to vault?         | Yes    | (No)    |  |
| Sampling                         |        |         |  |
| Sampling performed?              | Yes    | No      |  |
| Sampling event                   | Mnthly | Qtrly   |  |
| Post Carbon 3 sampled @          | X      | 1215    |  |
| Post Carbon 2 sampled @          |        | 1220    |  |
| Post Carbon 1 sampled @          |        | 1225    |  |
| Pre Garbon sampled @             |        | 1230    |  |
| Inside/Outside Sump sampled @    |        | 1245    |  |
| Recovery and Dispo               | osal   |         |  |
| Pure DNAPL Recovery              | 1      | Gallons |  |
| DNAPL / Water Recovery           | _      | Gallons |  |
| DNAPL drums onsite               | ~      | Drums   |  |
| Spent carbon drums onsite        | 2      | Drums   |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |
| Drums labeled?                   | Yes    | No      |  |
| Drums in storage unit?           | Yes    | No      |  |
| Club Vent System                 |        |         |  |
| Fan Running?                     | Yes    | No      |  |
| Vac at sump enclosure?           | Yes    | No      |  |

| Technician:   | WK           |         | Totalizer:                 | 230741  |
|---------------|--------------|---------|----------------------------|---------|
| Date:         | 9/22/17      |         | Total Pumped:              |         |
| Weather:      | 70: -80:     | Sung    |                            |         |
| System Status | s (Arrival): | Up Down | System Status (Departure): | Up Down |

| Oil Water Separator                    | r     |                |
|--|-------|----------------|
| High level shut-off operational?       | Yes   | No             |
| Red warning light operational?         | Yes   | No             |
| Separator vessel integrity             | Good  | Poor           |
| Leaks present?                         | Yes   | (No)           |
| Separator cover and seal integrity     | Good  | Poor           |
| Decant valve integrity                 | Good  | Poor           |
| LNAPL in separator?                    | Yes   | N <sub>0</sub> |
| Separator needs cleaning?              | Yes   | No             |
| Separator cleaned?                     | Yes   | 100            |
| Transfer Pump and Pip                  | ing   |                |
| Pump operational?                      | (Yes) | No             |
| Pump integrity                         | Good  | Poor           |
| Flow meter operational?                | Yes   | No             |
| Transfer pump flow rate                | 155   | GPM            |
| Filter 1 Pressure @ arrival (In/Out)   | 30    | 7              |
| Filter 2 Pressure @ arrival(In/Out)    | 33    | 6              |
| Filters changed?                       | Yes   | 100            |
| Filter 1 Pressure @ departure (In/Out) |       |                |
| Filter 2 Pressure @ departure(In/Out)  |       |                |
| Carbon Drums                           |       |                |
| Primary carbon drum integrity          | Good  | Poor           |
| Primary carbon drum leaks?             | Yes   | DN             |
| Primary carbon drum pressure           | 4     | PSI            |
| Primary removed for disposal?          | Yes   | (No)           |
| Secondary carbon drum integrity        | Good  | Poor           |
| Secondary carbon drum leaks?           | Yes   | No             |
| Secondarycarbon drum pressure          | 3     | PSI            |
| Secondary rotated to primary?          | Yes   | No             |
| Polishing carbon drum integrity        | Good  | Poor           |
| Polishingcarbon drum leaks?            | Yes   | NO             |
| Polishing carbon drum pressure         | 1     | PSI            |
| Polishing rotated to secondary?        | Yes   | No             |
| New carbon polishing drum?             | Yes   | No             |
| Notes:                                 |       |                |

| Discharge Pipin                  | g      |         | 7     |
|----------------------------------|--------|---------|-------|
| Pipe integrity in shed           | Good   | Poor    | 1     |
| Pipe integrity at catch basin    | Good   | Poor    | 7     |
| Pipe at catch basin clear?       | Yes    | No      | 1     |
| Pipe integrity at creek          | Good   | Poor    | 7     |
| Pipe at creek clear?             | Yes    | No      | 1     |
| Miscellaneous                    |        |         | 1     |
| Shed integrity                   | Good   | Poor    | 1     |
| Shed ventillation acceptable?    | Yes    | No      | 1     |
| Repairs/work needed?             | Yes    | No      | 1     |
| Spill evidence?                  | Yes    | No      | 1     |
| Electrical controls operational? | (Yes)  | No      | 1     |
| Heater operational?              | Yes    | No      | AW    |
| Vault integrity                  | Good   | Poor    | 1     |
| Repairs needed to vault?         | Yes    | No      | 1     |
| Sampling                         |        |         | 1     |
| Sampling performed?              | Yes    | No.     | 1     |
| Sampling event                   | Mnthly | Qtrly   | 1     |
| Post Carbon 3 sampled @          |        | /       | 1     |
| Post Carbon 2 sampled @          | /      |         | 1     |
| Post Carbon 1 sampled @          |        |         | 1     |
| Pre Carbon sampled @             | /      |         | 1     |
| Inside/Outside Sump sampled @    |        |         | 1     |
| Recovery and Dispo               | osal   |         | 1     |
| Pure DNAPL Recovery              | -      | Gallons |       |
| DNAPL / Water Recovery           | ~      | Gallons |       |
| DNAPL drums onsite               |        | Drums   |       |
| Spent carbon drums onsite        | 2      | Drums   |       |
| PPE/Solids drums onsite          | l      | Drums   |       |
| Drums labeled?                   | Yes    | No      |       |
| Drums in storage unit?           | Yes    | No      |       |
| Club Vent System                 | 1      |         |       |
| Fan Running?                     | (Yes)  | No      |       |
| Vac at sump enclosure?           | Yes    | No      | M     |
|                                  |        |         | 9 - 4 |

| Technician:   | MK           |         | Totalizer:                 | 231506  |
|---------------|--------------|---------|----------------------------|---------|
| Date:         | 9/29/17      |         | Total Pumped:              | 765     |
| Weather:      | light vai Co | )       | _                          |         |
| System Status | s (Arrival): | Up Down | System Status (Departure): | Up Down |

| Up 🧷 | Down | System Status | (Departu |
|------|------|---------------|----------|
|      |      |               |          |

| Up | Down |
|----|------|

| Oil Water Separato                     | r    |      |
|--|------|------|
| High level shut-off operational?       | Yes  | No   |
| Red warning light operational?         | Yes  | No   |
| Separator vessel integrity             | Good | Poor |
| Leaks present?                         | Yes  | (No  |
| Separator cover and seal integrity     | Good | Poor |
| Decant valve integrity                 | Goød | Poor |
| LNAPL in separator?                    | Yes  | 41/9 |
| Separator needs cleaning?              | Yes  | No   |
| Separator cleaned?                     | Yes  | No   |
| Transfer Pump and Pip                  | ing  |      |
| Pump operational?                      | Yes  | No   |
| Pump integrity                         | Good | Poor |
| Flow meter operational?                | Yes  | No   |
| Transfer pump flow rate                | 2.02 | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 23   | 6    |
| Filter 2 Pressure @ arrival(In/Out)    | 25   | 6    |
| Filters changed?                       | Yes  | No   |
| Filter 1 Pressure @ departure (In/Out) |      |      |
| Filter 2 Pressure @ departure(In/Out)  |      |      |
| Carbon Drums                           |      |      |
| Primary carbon drum integrity          | Good | Poor |
| Primary carbon drum leaks?             | Yes  | No   |
| Primary carbon drum pressure           | 4    | PSI  |
| Primary removed for disposal?          | Yes  | No   |
| Secondary carbon drum integrity        | Good | Poor |
| Secondary carbon drum leaks?           | Yes  | (No) |
| Secondarycarbon drum pressure          | 3    | PSI  |
| Secondary rotated to primary?          | Yes  | (No) |
| Polishing carbon drum integrity        | Good | Poor |
| Polishingcarbon drum leaks?            | Yes  | No   |
| Polishing carbon drum pressure         | 1    | PSI  |
| Polishing rotated to secondary?        | Yes  | No   |
| New carbon polishing drum?             | Yes  | No   |
| Notes:                                 |      |      |

| 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                    |        |         |  |  |  |  |
| Shed integrity                   | Good   | Poor    |  |  |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |  |  |
| Repairs/work needed?             | Yes    | (No)    |  |  |  |  |
| Spill evidence?                  | Yes    | No      |  |  |  |  |
| Electrical controls operational? | Yes    | No      |  |  |  |  |
| Heater operational?              | Yes    | No      |  |  |  |  |
| Vault integrity                  | Good   | Poor    |  |  |  |  |
| Repairs needed to vault?         | Yes    | (No)    |  |  |  |  |
| Sampling                         |        |         |  |  |  |  |
| Sampling performed?              | Yes    | (No)    |  |  |  |  |
| Sampling event                   | Mnthly | Qtrly   |  |  |  |  |
| Post Carbon 3 sampled @          |        |         |  |  |  |  |
| Post Carbon 2 sampled @          |        |         |  |  |  |  |
| Post Carbon 1 sampled @          |        |         |  |  |  |  |
| Pre Carbon sampled @             |        |         |  |  |  |  |
| Inside/Outside Sump sampled @    |        |         |  |  |  |  |
| Recovery and Dispo               | śal    |         |  |  |  |  |
| Pure DNAPL Recovery              | _      | Gallons |  |  |  |  |
| DNAPL / Water Recovery           |        | Gallons |  |  |  |  |
| DNAPL drums onsite               |        | Drums   |  |  |  |  |
| Spent carbon drums onsite        | 7      | Drums   |  |  |  |  |
| PPE/Solids drums onsite          | 1      | Drums   |  |  |  |  |
| Drums labeled?                   | Yes    | No      |  |  |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |  |  |
| Club Vent System                 | 1      |         |  |  |  |  |
| Fan Running?                     | Yes    | No      |  |  |  |  |
| Vac at sump enclosure?           | Yes    | No      |  |  |  |  |

| Technician:  | MK            |         | Totalizer:                 | 234842  |
|--------------|---------------|---------|----------------------------|---------|
| Date:        | 10/4/17       |         | Total Pumped:              | 3336    |
| Weather:     | Cloudy Cos    |         | _                          |         |
| System Statu | ıs (Arrival): | Up Down | System Status (Departure): | Ug Down |

| Oil Water Separator                    |      |      |
|--|------|------|
| High level shut-off operational?       | Yes  | No   |
| Red warning light operational?         | Yes  | No   |
| Separator vessel integrity             | Good | Poor |
| Leaks present?                         | Yes  | No   |
| Separator cover and seal integrity     | Good | Poor |
| Decant valve integrity                 | Good | Poor |
| LNAPL in separator?                    | Yes  | No   |
| Separator needs cleaning?              | Yes  | No   |
| Separator cleaned?                     | Yes  | No   |
| Transfer Pump and Pipi                 | ing  |      |
| Pump operational?                      | Yes  | No   |
| Pump integrity                         | Good | Poor |
| Flow meter operational?                | Yes  | No   |
| Transfer pump flow rate                | 173  | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 30   | G    |
| Filter 2 Pressure @ arrival(In/Out)    | 28   | G    |
| Filters changed?                       | Yes  | (No) |
| Filter 1 Pressure @ departure (In/Out) |      |      |
| Filter 2 Pressure @ departure(In/Out)  |      |      |
| Carbon Drums                           |      |      |
| Primary carbon drum integrity          | Good | Poor |
| Primary carbon drum leaks?             | Yes  | No   |
| Primary carbon drum pressure           | 4    | PSI  |
| Primary removed for disposal?          | Yes  | No   |
| Secondary carbon drum integrity        | Good | Poor |
| Secondary carbon drum leaks?           | Yes  | No   |
| Secondarycarbon drum pressure          | 3    | PSI  |
| Secondary rotated to primary?          | Yes  | No   |
| Polishing carbon drum integrity        | Good | Poor |
| Polishingcarbon drum leaks?            | Yes  | No   |
| Polishing carbon drum pressure         | 1    | PSI  |
| Polishing rotated to secondary?        | Yes  | No   |
| New carbon polishing drum?             | Yes  | No   |

| g      |  |
|--------|--|
| Good   | Poor   |
| Good   | Poor   |
| Yes    | No   |
| Good   | Poor   |
| Yes    | No   |
|        |  |
| Good   | Poor   |
| Yes    | No   |
| Good   | Poor   |
| Yes    | NO   |
|        |  |
| Yes    | No   |
| Mnthly | Qtrly  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
| sal    |  |
| -      | Gallons  |
| _      | Gallons  |
|        | Drums  |
| 2      | Drums  |
| 1      | Drums  |
| Yes    | No   |
| Yes    | No   |
| 1      |  |
| Yes    | No   |
| Yes    | No   |
|        | Good Yes Good Yes Yes Yes Yes Yes Mnthly  Sal  Yes Yes  Yes  Yes  Yes  Yes  Yes  Yes |

| Technician:MK                          |        |                | Totalizer:                       | 1422   | 70      |
|--|--------|----------------|----------------------------------|--------|---------|
| Date: [0 13 17                         |        |                | Total Pumped:                    | ער     | 20      |
| Weather: Go'c Choung                   |        | <del></del>    |                                  |        | 010     |
| Weather. Gor Choup                     |        |                | _                                |        |         |
| System Status (Arrival):               | (Up)   | Down           | Contain Status (D )              |        |         |
| System Status (Amval).                 | [ (db) | Down           | System Status (Departure):       | (Up)   | Dowr    |
| Oil Water Separato                     | or     |                | Discharge Pipir                  |        |         |
| High level shut-off operational?       | (Yes)  | No             | Pipe integrity in shed           |        | Poor    |
| Red warning light operational?         | Yes    | No             | Pipe integrity at catch basin    | Good   | Poor    |
| Separator vessel integrity             | (Good  | Poor           | Pipe at catch basin clear?       | (es    | No      |
| Leaks present?                         | Yes    | Ne             | Pipe integrity at creek          | 6000   | Poor    |
| Separator cover and seal integrity     | Good   | Poor           | Pipe at creek clear?             | (Yes)  | No      |
| Decant valve integrity                 | Good   | Poor           | Miscellaneous                    |        | 1 140   |
| LNAPL in separator?                    | Yes    | NO.            | Shed integrity                   | Good   | Poor    |
| Separator needs cleaning?              | Yes    | <b>M</b>       | Shed ventillation acceptable?    | Ves    | No      |
| Separator cleaned? \Q\11\17            | (Yes)  | OFF            | Repairs/work needed?             | Yes    | 1/10    |
| Transfer Pump and Pip                  |        |                | Spill evidence?                  | Yes    | (No)    |
| Pump operational?                      | Yes    | No             | Electrical controls operational? | TRES   | No      |
| Pump integrity                         | Good   | Poor           | Heater operational?              | Ves    | No      |
| Flow meter operational?                | (Yes   | No             | Vault integrity                  | Good   | Poor    |
| Transfer pump flow rate                | 1.67   | GPM            | Repairs needed to vault?         | Yes    | 400     |
| Filter 1 Pressure @ arrival (In/Out)   | 33     | 5              | Sampling                         |        |         |
| Filter 2 Pressure @ arrival(In/Out)    | 20     | 8              | Sampling performed?              | Yes    | No      |
| Filters changed?                       | Yes    | No             | Sampling event                   | Mnthly | Otrly   |
| Filter 1 Pressure @ departure (In/Out) | 15     | 7              | Post Carbon 3 sampled @          |        | /,      |
| Filter 2 Pressure @ departure(In/Out)  | 16     | 6              | Post Carbon 2 sampled @          | 7      |         |
| Carbon Drums                           |        |                | Post Carbon 1 sampled @          |        |         |
| Primary carbon drum integrity          | Good   | Poor           | Pre Carbon sampled @             | 6      |         |
| Primary carbon drum leaks?             | Yes    | (MD)           | Inside/Outside Sump sampled @    |        |         |
| Primary carbon drum pressure           | C      | PSI            | Recovery and Dispo               | sal    |         |
| Primary removed for disposal?          | Yes    | No             | Pure DNAPL Recovery              | ~      | Gallons |
| Secondary carbon drum integrity        | Good   | Poor           | DNAPL / Water Recovery           | ~      | Gallons |
| Secondary carbon drum leaks?           | Yes    | 100            | DNAPL drums onsite               | 2      | Drums   |
| Secondarycarbon drum pressure          | 4      | PSI            | Spent carbon drums onsite        | 2      | Drums   |
| Secondary rotated to primary?          | Yes    | N <sub>0</sub> | PPE/Solids drums onsite          | 1      | Drums   |
| Polishing carbon drum integrity        | 6000   | Poor           | Drums labeled?                   | (Yes)  | No      |
| Polishingcarbon drum leaks?            | Yes    | ND             | Drums in storage unit?           | Yes    | No      |
| Polishing carbon drum pressure         | 1      | PSI            | Club Vent System                 |        |         |
| Polishing rotated to secondary?        | Yes    | <b>®</b>       | Fan Running?                     | (Yes   | No      |
| New carbon polishing drum?             | Yes    |                | Vac at sump enclosure?           | Yes    | No      |
| Notes:                                 |        |                |                                  |        |         |

| Technician: | me        | Totalizer:    | 246341 |
|-------------|-----------|---------------|--------|
| Date:       | 10/18/17  | Total Pumped: | 4071   |
| Weather:    | GU: Surmy |               | -      |

System Status (Arrival):

| (Up) | Down | System Status (Departure): | Up | Dow |
|------|------|----------------------------|----|-----|
|------|------|----------------------------|----|-----|

| Ollari a G                             |       |      |
|--|-------|------|
| Oil Water Separator                    |       |      |
| High level shut-off operational?       | (Yes  | No   |
| Red warning light operational?         | Yes   | No   |
| Separator vessel integrity             | Good  | Poor |
| Leaks present?                         | Yes   | No   |
| Separator cover and seal integrity     | Good  | Poor |
| Decant valve integrity                 | Good  | Poor |
| LNAPL in separator?                    | Yes   | No   |
| Separator needs cleaning?              | Yes   | No   |
| Separator cleaned?                     | Yes   | No   |
| Transfer Pump and Pipi                 | ing   |      |
| Pump operational?                      | (Yes) | No   |
| Pump integrity                         | Good  | Poor |
| Flow meter operational?                | Yes   | No   |
| Transfer pump flow rate                | 256   | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 17    | 7    |
| Filter 2 Pressure @ arrival(In/Out)    | ~     | 6    |
| Filters changed?                       | Yes   | No   |
| Filter 1 Pressure @ departure (In/Out) |       |      |
| Filter 2 Pressure @ departure(In/Out)  |       |      |
| Carbon Drums                           |       |      |
| Primary carbon drum integrity          | Good  | Poor |
| Primary carbon drum leaks?             | Yes   | ⟨No  |
| Primary carbon drum pressure           | 5     | PSI  |
| Primary removed for disposal?          | Yes   | No   |
| Secondary carbon drum integrity        | Good  | Poor |
| Secondary carbon drum leaks?           | Yes   | No   |
| Secondarycarbon drum pressure          | 4     | PSI  |
| Secondary rotated to primary?          | Yes   | No   |
| Polishing carbon drum integrity        | Good  | Poor |
| Polishingcarbon drum leaks?            | Yes   | No   |
| Polishing carbon drum pressure         | 1     | PSI  |
| Polishing rotated to secondary?        | Yes   | No   |
| New carbon polishing drum?             | Yes   | No   |
| Notes:                                 |       |      |

| Discharge Pipin                  |         |         |
|----------------------------------|---------|---------|
| 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                    |         |         |
| Shed integrity                   | Good    | Poor    |
| Shed ventillation acceptable?    | Yes     | No      |
| Repairs/work needed?             | Yes     | No      |
| Spill evidence?                  | Yes     | No      |
| Electrical controls operational? | Yes     | No      |
| Heater operational?              | Yes     | No      |
| Vault integrity                  | Good    | Poor    |
| Repairs needed to vault?         | Yes     | No      |
| Sampling                         |         |         |
| Sampling performed?              | Yes     | No      |
| Sampling event                   | Minthly | Qtrly   |
| Post Carbon 3 sampled @          | 1230    |         |
| Post Carbon 2 sampled @          | 1235    |         |
| Post Carbon 1 sampled @          | 1240    |         |
| Pre Carbon sampled @             | 1245    |         |
| Inside/Outside Sump sampled @    | 1300    |         |
| Recovery and Dispo               | sal     |         |
| Pure DNAPL Recovery              | ~       | Gallons |
| DNAPL / Water Recovery           | -       | Gallons |
| DNAPL drums onsite               | 2       | Drums   |
| Spent carbon drums onsite        | 7_      | Drums   |
| PPE/Solids drums onsite          |         | Drums   |
| Drums labeled?                   | Yes     | No      |
| Drums in storage unit?           | Yes     | No      |
| Club Vent System                 | 1       |         |
| Fan Running?                     | Yes     | No      |
| Vac at sump enclosure?           | Yes     | No      |
|                                  |         |         |

| Technicia <b>n:</b> | ME           |         | Totalizer:                 | 220044  |
|---------------------|--------------|---------|----------------------------|---------|
| Date:               | 10/27/17     |         | Total Pumped:              | 3703    |
| Weather:            | Partly Svnny | 50:     | _                          |         |
| System Status (Arr  | ival):       | Up Down | System Status (Departure): | Up Down |

| Yes   | No  |
|-------|---|
| Yes   | No  |
| Good  | Poor  |
| Yes   | NO  |
| Good  | Poor  |
| Good  | Poor  |
| Yes   | NO  |
| Yes   | No  |
| Yes   | (No)  |
| ng    |   |
| Yes   | No  |
| Good  | Poor  |
| (Yes) | No  |
| 250   | GPM   |
| 18    | 7   |
| 12    | G   |
| Yes   | No  |
|       | /   |
|       |   |
|       |   |
| Good  | Poor  |
| Yes   | (No)  |
| 5     | PSI   |
| Yes   | (NO   |
| Good' | Poor  |
| Yes   | No  |
| 4     | PSI   |
| Yes   | Nø  |
| Good  | Poor  |
| Yes   | 40  |
| ,     | PSI   |
| (     |   |
| Yes   | 40  |
|       | Yes Good Yes Yes Yes Yes Yes Yes  Good Yes Yes Yes  Yes  Yes  Yes  Yes  Yes |

| Discharge Piping                 |        |         |  |  |
|----------------------------------|--------|---------|--|--|
| Pipe integrity in shed           | Goed   | 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                    |        |         |  |  |
| Shed integrity                   | Good   | Poor    |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |
| Repairs/work needed?             | Yes    | (N)     |  |  |
| Spill evidence?                  | Yes    | No      |  |  |
| Electrical controls operational? | (es)   | No      |  |  |
| Heater operational? x 2          | (Yes)  | No      |  |  |
| Vault integrity                  | Good   | Poor    |  |  |
| Repairs needed to vault?         | Yes    | (Vo)    |  |  |
| Sampling                         |        |         |  |  |
| Sampling performed?              | Yes    | No/     |  |  |
| Sampling event                   | Mnthly | Otrly   |  |  |
| Post Carbon 3 sampled @          |        |         |  |  |
| Post Carbon 2 sampled @          |        |         |  |  |
| Post Carbon 1 sampled @          |        |         |  |  |
| Pre Carbon sampled @             |        |         |  |  |
| Inside/Outside Sump sampled @    |        |         |  |  |
| Recovery and Dispo               | sal    |         |  |  |
| Pure DNAPL Recovery              | +      | Gallons |  |  |
| DNAPL / Water Recovery           | )      | Gallons |  |  |
| DNAPL drums onsite               | 2      | Drums   |  |  |
| Spent carbon drums onsite        | 2      | Drums   |  |  |
| PPE/Solids drums onsite          | l      | Drums   |  |  |
| Drums labeled?                   | Yes    | No      |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |
| Club Vent Systen                 | 1      |         |  |  |
| Fan Running?                     | Yes    | No      |  |  |
| Vac at sump enclosure?           | Yes    | No      |  |  |



|               | INIJUL       | J Gastown I | LO Last Magan              |          |
|---------------|--------------|-------------|----------------------------|----------|
| Technician:   | ml.          |             | Totalizer:                 | 255700   |
| Date:         | 10 11/2/17   |             | Total Pumped:              | 5656     |
| Weather:      | Clady Gos    |             | _                          |          |
| System Status | s (Arrival): | (Up) Down   | System Status (Departure): | (Up Down |

| The second secon |            |          |  |  |  |
|--|------------|----------|--|--|--|
| O'll Mr. I. Construction   |            |          |  |  |  |
| Oil Water Separator  |            |          |  |  |  |
| High level shut-off operational?   | Yes        | No       |  |  |  |
| Red warning light operational?   | Yes        | No       |  |  |  |
| Separator vessel integrity   | Good       | Poor     |  |  |  |
| Leaks present?   | Yes        | NO.      |  |  |  |
| Separator cover and seal integrity   | Good       | Poor     |  |  |  |
| Decant valve integrity   | Good       | Poor     |  |  |  |
| LNAPL in separator?  | Yes        | No       |  |  |  |
| Separator needs cleaning?  | Yes        | Nø       |  |  |  |
| Separator cleaned?   | Yes        | No       |  |  |  |
| Transfer Pump and Pipi   |            |          |  |  |  |
| Pump operational?  | (Yes       | No       |  |  |  |
| Pump integrity   | Good       | Poor     |  |  |  |
| Flow meter operational?  | Yes        | No       |  |  |  |
| Transfer pump flow rate  | ,67        | GPM      |  |  |  |
| Filter 1 Pressure @ arrival (In/Out)   | 30         | 3        |  |  |  |
| Filter 2 Pressure @ arrival(In/Out)  | 30         | 4        |  |  |  |
| Filters changed?   | <b>Ves</b> | No       |  |  |  |
| Filter 1 Pressure @ departure (In/Out)   | 45         | 7        |  |  |  |
| Filter 2 Pressure @ departure(In/Out)  | 7          | C        |  |  |  |
| Carbon Drums   |            |          |  |  |  |
| Primary carbon drum integrity  | (Good      | Poor     |  |  |  |
| Primary carbon drum leaks?   | Yes        | No       |  |  |  |
| Primary carbon drum pressure   | 6          | PSI      |  |  |  |
| Primary removed for disposal?  | Yes        | No)      |  |  |  |
| Secondary carbon drum integrity  | Good       | Poor     |  |  |  |
| Secondary carbon drum leaks?   | Yes        | <b>S</b> |  |  |  |
| Secondarycarbon drum pressure  | 5          | PSI      |  |  |  |
| Secondary rotated to primary?  | Yes        | NO       |  |  |  |
| Polishing carbon drum integrity  | Good       | Poor     |  |  |  |
| Polishingcarbon drum leaks?  | Yes        | NO       |  |  |  |
| Polishing carbon drum pressure   | /          | PSI      |  |  |  |
| Polishing rotated to secondary?  | Yes        | MO       |  |  |  |
| New carbon polishing drum?   | Yes        | No       |  |  |  |

| System Status (Departure):       | (Up)   | Down    |
|----------------------------------|--|---------|
|                                  |  |         |
| Discharge Piping                 | The same of the sa |         |
| Pipe integrity in shed           | Cood   | Poor    |
| Pipe integrity at catch basin    | 600g   | Poor    |
| Pipe at catch basin clear?       | Yes  | No      |
| Pipe integrity at creek          | Good   | Poor    |
| Pipe at creek clear?             | Yeş  | No      |
| Miscellaneous                    |  |         |
| Shed integrity                   | Good   | Poor    |
| Shed ventillation acceptable?    | Yes  | No      |
| Repairs/work needed?             | Yes  | No      |
| Spill evidence?                  | Yes  | 10      |
| Electrical controls operational? | Yes  | No      |
| Heater operational?              | Yes  | No      |
| Vault integrity                  | Good   | Poor    |
| Repairs needed to vault?         | Yes  | No      |
| Sampling                         |  |         |
| Sampling performed?              | Yes  | 140     |
| Sampling event                   | Mnthly   | Qtrly   |
| Post Carbon 3 sampled @          |  |         |
| Post Carbon 2 sampled @          |  |         |
| Post Carbon 1 sampled @          |  |         |
| Pre Carbon sampled @             |  |         |
| Inside/Outside Sump sampled @    | ,  |         |
| Recovery and Dis                 |  |         |
| Pure DNAPL Recovery              | <u> </u>   | Gallons |
| DNAPL / Water Recovery           | _  | Gallons |
| DNAPL drums onsite               | 2  | Drums   |
| Spent carbon drums onsite        | 2  | Drums   |
| PPE/Solids drums onsite          | 1  | Drums   |
| Drums labeled?                   | Yes  | No      |
| Drums in storage unit?           | Yes  | ) No    |
| Club Vent Syst                   |  |         |
| Fan Running?                     | Yes  | ) No    |
| Vac at sump enclosure?           | Yes  | No      |

Notes: - Out & replacement Big Blue Filters

Technician:

Date:

Totalizer:
Total Pumped:

269632

13932

Weather:

Sung 200 um.

System Status (Departure):

| (Up) | Down |
|------|------|
| 1    |      |

|               |                                      | undy  |          |
|---------------|--------------------------------------|-------|----------|
|               | System Status (Arrival):             |       | Down     |
| - 1           | */                                   | (Up)  | DOM      |
| H             | Oil Water Separator                  |       |          |
| H             |                                      | Yes   | No       |
| H             | Red warning light operational?       | Yes   | No       |
| ŀ             | Separator vessel integrity           | Good  | Poor     |
| - 1           | Leaks present?                       | Yes   | No       |
| ŀ             | Separator cover and seal integrity   | Good  | Poor     |
| - 1           | Decant valve integrity               | Good  | Poor     |
| - 1           | LNAPL in separator?                  | Yes   | No       |
| - 1           | Separator needs cleaning?            | Yes   | NO       |
| ٠ ا           | Separator cleaned?                   | Yes   | No       |
| Ļ             | Transfer Pump and Pip                | 1     |          |
|               | Pump operational?                    | (Yes) | No       |
| -             | Pump integrity                       | Good  | Poor     |
| _             | Flow meter operational?              | Yes   | No       |
| <i>y</i> –    | Transfer pump flow rate              | .95   | GPM      |
| -             | filter 1 Pressure @ arrival (In/Out) | 30    | フ        |
|               | ilter 2 Pressure @ arrival(In/Out)   | 30    | 5        |
|               | ilters changed?                      | Yes   | No       |
|               | Iter 1 Pressure @ departure (In/Out) |       | · ·      |
| Fi            | Iter 2 Pressure @ departure(In/Out)  |       |          |
| -             | Carbon Drums                         |       |          |
| Pr            | imary carbon drum integrity          | Goog  | Poor     |
| Pr            | imary carbon drum leaks?             | Yes   | MO       |
| Pr            | imary carbon drum pressure           | 7     | PSI      |
| Pri           | imary removed for disposal?          | Yes   | <b>W</b> |
| Se            | condary carbon drum integrity        | 6000  | Poor     |
| Sec           | condary carbon drum leaks?           | Yes   | No       |
| Sec           | condarycarbon drum pressure          | 6     | PSI      |
| Sec           | condary rotated to primary?          | Yes   | M        |
| Pol           | ishing carbon drum integrity         | Good  | Poor     |
| Poli          | shingcarbon drum leaks?              | Yes   | NO       |
| Poli          | shing carbon drum pressure           | /     | PSI      |
| Polis         | shing rotated to secondary?          | Yes   | NO       |
| $\overline{}$ | carbon polishing drum?               | Yes   | NO       |
|               |                                      |       |          |

| Discharge Piping                 |       |        |         |  |
|----------------------------------|-------|--------|---------|--|
| Pipe integrity in shed           | Good  | Poor   |         |  |
| Pipe integrity at catch basin    | Good  | Poor   |         |  |
| Pipe at catch basin clear?       | Yes   | No     | 1       |  |
| Pipe integrity at creek          | Good  | Poor   | 1       |  |
| Pipe at creek clear?             | Yes   | No     | 4       |  |
| Miscellaneous                    |       |        | 4       |  |
| Shed integrity                   | Good  | Poor   | 1       |  |
| Shed ventillation acceptable?    | Yes   | No     | 4       |  |
| Repairs/work needed?             | Yes   | No     | 4       |  |
| Spill evidence?                  | Yes   | NO     | 1       |  |
| Electrical controls operational? | Yes   | No     | 4       |  |
| Heater operational?              | Yes   | No     | 4       |  |
| Vault integrity                  | Good  | Poor   | 4       |  |
| Repairs needed to vault?         | Yes   | MO     |         |  |
| Sampling                         |       |        | $\perp$ |  |
| Sampling performed?              | Yes   | No     |         |  |
| Sampling event                   | Mnthh | y Otrh | /       |  |
| Post Carbon 3 sampled @          |       |        | $\Box$  |  |
| Post Carbon 2 sampled @          |       | X      |         |  |
| Post Carbon 1 sampled @          |       |        |         |  |
| Pre Carbon sampled @             |       |        |         |  |
| Inside/Outside Sump sampled @    | /     |        |         |  |
| Recovery and Dis                 | posal |        |         |  |
| Pure DNAPL Recovery              |       | Gallo  | ons     |  |
| DNAPL / Water Recovery           | -     | Galle  | ons     |  |
| DNAPL drums onsite               | 7     | Dru    | ms      |  |
| Spent carbon drums onsite        | 2     | Dru    | ms      |  |
| PPE/Solids drums onsite          | 1     | Dru    | ms      |  |
| Drums labeled?                   | Yes   | es No  |         |  |
| Drums in storage unit?           | Ye    | N      | lo      |  |
| Club Vent Sys                    | tem   |        |         |  |
| Fan Running?                     | Ye    | s) 1   | VO      |  |
| Vac at sump enclosure?           | Ye    | s) I   | Vo      |  |
| Vac at sump enclosure?           | Ye    | s) I   | VО      |  |

|   | NYSDEC - Gastown 126 East Nic |                    |              |      |                               |       |      |
|---|-------------------------------|--------------------|--------------|------|-------------------------------|-------|------|
| D | Technician:                   | Ml                 |              |      | Totalizer:                    | 27613 |      |
|   | Date:                         | 11/17/17           |              |      | Total Pumped:                 | 650   | 72   |
|   | Weather:                      | Portly clordy      | 30:          |      | _                             |       |      |
|   | System Status                 | s (Arrival):       | (Up)         | Down | System Status (Departure):    | (U)   | Down |
|   | Oil Water Separator           |                    | Discharge Pi | ping |                               |       |      |
|   | High level shu                | t-off operational? | Yes          | No   | Pipe integrity in shed        | Good  | Poor |
|   |                               | ight operational?  | Yes          | No   | Pipe integrity at catch basin | Good  | Poor |

| Oil Water Separat                      | or    |       |
|--|-------|-------|
| High level shut-off operational?       | (Yes) | No    |
| Red warning light operational?         | Yes   | No    |
| Separator vessel integrity             | Good  | Poo   |
| Leaks present?                         | Yes   | (No)  |
| Separator cover and seal integrity     | Good  | Poor  |
| Decant valve integrity                 | Good  | Poor  |
| LNAPL in separator?                    | Yes   | NO    |
| Separator needs cleaning?              | Yes   | W     |
| Separator cleaned?                     | Yes   | No    |
| Transfer Pump and Pip                  | ing   |       |
| Pump operational?                      | (Yes) | No    |
| Pump integrity                         | Good  | Poor  |
| Flow meter operational?                | Yes   | No    |
| Transfer pump flow rate                | 1.11  | GPM   |
| Filter 1 Pressure @ arrival (In/Out)   | 17    | 10    |
| Filter 2 Pressure @ arrival(In/Out)    | 7     | 0     |
| Filters changed?                       | Yes   | Nø    |
| Filter 1 Pressure @ departure (In/Out) | V     | Ž.    |
| Filter 2 Pressure @ departure(In/Out)  |       | la la |
| Carbon Drums                           |       |       |
| Primary carbon drum integrity          | Good  | Poor  |
| Primary carbon drum leaks?             | Yes   | NO    |
| Primary carbon drum pressure           |       | PSI   |
| Primary removed for disposal?          | Yes   | No    |
| Secondary carbon drum integrity        | 6000  | Poor  |
| Secondary carbon drum leaks?           | Yes   | No    |
| Secondarycarbon drum pressure          | G     | PSI   |
| Secondary rotated to primary?          | Yes   | NO    |
| Polishing carbon drum integrity        | Good  | Poor  |
| Polishingcarbon drum leaks?            | Yes   | No    |
| Polishing carbon drum pressure         | ı     | PSI   |
| Polishing rotated to secondary?        | Yes   | No    |
| New carbon polishing drum?             | Yes   | NO    |

| Discharge Pipi                   | ng     |         |  |  |
|----------------------------------|--------|---------|--|--|
| Pipe integrity in shed           | Goog   | 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      |  |  |
| Miscellaneou                     | s      |         |  |  |
| Shed integrity                   | (600d  | Poor    |  |  |
| Shed ventillation acceptable?    | Yes    | No      |  |  |
| Repairs/work needed?             | Yes    | 100     |  |  |
| Spill evidence?                  | Yes    | No      |  |  |
| Electrical controls operational? | Yes    | No      |  |  |
| Heater operational?              | Yes    | No      |  |  |
| Vault integrity                  | Good   | Poor    |  |  |
| Repairs needed to vault?         | Yes    | No      |  |  |
| Sampling                         |        |         |  |  |
| Sampling performed?              | Yes    | No      |  |  |
| Sampling event                   | Mnthly | Qtrly   |  |  |
| Post Carbon 3 sampled @          | 1230   | 1       |  |  |
| Post Carbon 2 sampled @          | 1235   |         |  |  |
| Post Carbon 1 sampled @          | 1240   |         |  |  |
| Pre Carbon sampled @             | 1245   |         |  |  |
| Inside/Outside Sump sampled @    | 1300   |         |  |  |
| Recovery and Dispo               | sal    |         |  |  |
| Pure DNAPL Recovery              | -      | Gallons |  |  |
| DNAPL / Water Recovery           | _      | Gallons |  |  |
| DNAPL drums onsite               | 2      | Drums   |  |  |
| Spent carbon drums onsite        | 2      | Drums   |  |  |
| PPE/Solids drums onsite          | /      | Drums   |  |  |
| Drums labeled?                   | Yes    | No      |  |  |
| Drums in storage unit?           | Yes    | No      |  |  |
| Club Vent System                 |        |         |  |  |
| Fan Running?                     | (Yes)  | No      |  |  |
| Vac at sump enclosure?           | Yes    | (SHZ)   |  |  |
|                                  |        |         |  |  |

|             | 0          |               |        |
|-------------|------------|---------------|--------|
| Technician: | MC         | Totalizer:    | 284025 |
| Date:       | 11 22 17   | Total Pumped: | 7899   |
| Weather:    | Clardy 30' |               |        |

No

No

Poor

Yes'

Yes

Good

System Status (Arrival):

High level shut-off operational?

Red warning light operational?

| Up/ | Down | System Status (Departure): |
|-----|------|----------------------------|
|     |      | , som status (Departure):  |

| 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                    |        |         |
| Shed integrity                   | Good   | Poor    |
| Shed ventillation acceptable?    | Yes    | No      |
| Repairs/work needed?             | Yes    | NO      |
| Spill evidence?                  | Yes    | NO      |
| Electrical controls operational? | Yes    | No      |
| Heater operational?              | Yes    | No      |
| Vault integrity                  | Good   | Poor    |
| Repairs needed to vault?         | Yes    | NO      |
| Sampling                         |        |         |
| Sampling performed?              | Yes    | No      |
| Sampling event                   | Mnthly | Qtrly   |
| Post Carbon 3 sampled @          |        |         |
| Post Carbon 2 sampled @          |        |         |
| Post Carbon 1 sampled @          |        |         |
| Pre Carbon sampled @             |        |         |
| Inside/Outside Sump sampled @    |        |         |
| Recovery and Disp                | posal  |         |
| Pure DNAPL Recovery              |        | Gallons |
| DNAPL / Water Recovery           | -      | Gallons |
| DNAPL drums onsite               | 2      | Drums   |
| Spent carbon drums onsite        | 2      | Drums   |
| PPE/Solids drums onsite          | 1      | Drums   |
| Drums labeled?                   | Yes    | No      |
| Drums in storage unit?           | Yes    | No      |
| Club Vent Syste                  |        |         |
| Fan Running?                     | Yes    | No      |
| Vac at sump enclosure?           | Yes    | No      |

Down

Separator vessel integrity No Yes Leaks present? Good Poor Separator cover and seal integrity Good Poor Decant valve integrity No Yes LNAPL in separator? Yes No Separator needs cleaning? Separator cleaned? Yes (No) **Transfer Pump and Piping** Pump operational? (Yes) No Pump integrity Good Poor Flow meter operational? (Yes) No Transfer pump flow rate **GPM** .37 Filter 1 Pressure @ arrival (In/Out) 18 10 Filter 2 Pressure @ arrival(In/Out) 4 10 Filters changed? Yes No Filter 1 Pressure @ departure (In/Out) Filter 2 Pressure @ departure(In/Out) **Carbon Drums** Good Primary carbon drum integrity Poor Primary carbon drum leaks? (No) Yes Primary carbon drum pressure PSI Primary removed for disposal? Yes No Secondary carbon drum integrity Good Poor Secondary carbon drum leaks? No Yes Secondarycarbon drum pressure PSI Secondary rotated to primary? No Yes Polishing carbon drum integrity Good) Poor Polishingcarbon drum leaks? No Yes Polishing carbon drum pressure **PSI** Polishing rotated to secondary? No Yes New carbon polishing drum? NO Yes

Oil Water Separator

| Technician:              | Totalizer:                     | 290536    |
|--------------------------|--------------------------------|-----------|
| Date: 12/1/17            | Total Pumped:                  | 1075      |
| Weather: prohy somy 43   |                                |           |
| System Status (Arrival): | Down System Status (Departure) | : Up Down |

| Oil Water Separator                    |        |                |
|--|--------|----------------|
| High level shut-off operational?       | (Yes)  | No             |
| Red warning light operational?         | Yes    | No             |
| Separator vessel integrity             | Good   | Poor           |
| Leaks present?                         | Yes    | No             |
| Separator cover and seal integrity     | Good   | Poor           |
| Decant valve integrity                 | Good   | Poor           |
| LNAPL in separator?                    | Yes    | <b>(10)</b>    |
| Separator needs cleaning?              | Yes    | N <sub>0</sub> |
| Separator cleaned?                     | Yes    | NO             |
| Transfer Pump and Pipi                 | ng     |                |
| Pump operational?                      | (Yes') | No             |
| Pump integrity                         | Good   | Poor           |
| Flow meter operational?                | Yes    | No             |
| Transfer pump flow rate                | 1.27   | GPM            |
| Filter 1 Pressure @ arrival (In/Out)   | (0     | 3              |
| Filter 2 Pressure @ arrival(In/Out)    | 5      | 3              |
| Filters changed?                       | Yes    | No             |
| Filter 1 Pressure @ departure (In/Out) |        |                |
| Filter 2 Pressure @ departure(In/Out)  |        |                |
| Carbon Drums                           |        |                |
| Primary carbon drum integrity          | (Good) | Poor           |
| Primary carbon drum leaks?             | Yes    | No             |
| Primary carbon drum pressure           | 3      | PSI            |
| Primary removed for disposal?          | Yes    | No             |
| Secondary carbon drum integrity        | Good   | Poor           |
| Secondary carbon drum leaks?           | Yes    | No             |
| Secondarycarbon drum pressure          |        | PSI            |
| Secondary rotated to primary?          | Yes    | No             |
|  |        | _              |

Polishing carbon drum integrity

Polishing carbon drum pressure

Polishing rotated to secondary?

New carbon polishing drum?

Polishingcarbon drum leaks?

| 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          | Goød   | Poor     |  |  |
| Pipe at creek clear?             | Yes    | No       |  |  |
| Miscellaneous                    |        |          |  |  |
| Shed integrity                   | 6000   | Poor     |  |  |
| Shed ventillation acceptable?    | Yes    | No       |  |  |
| Repairs/work needed?             | Yes    | <b>@</b> |  |  |
| Spill evidence?                  | Yes    | No       |  |  |
| Electrical controls operational? | (Yes)  | No       |  |  |
| Heater≤operational?              | Yes    | No       |  |  |
| Vault integrity                  | Good   | Poor     |  |  |
| Repairs needed to vault?         | Yes    | NO.      |  |  |
| Sampling                         |        |          |  |  |
| Sampling performed?              | Yes    | No       |  |  |
| Sampling event                   | Mnthly | Qtply    |  |  |
| Post Carbon 3 sampled @          |        |          |  |  |
| Post Carbon 2 sampled @          |        |          |  |  |
| Post Carbon 1 sampled @          |        |          |  |  |
| Pre Carbon sampled @             |        |          |  |  |
| Inside/Outside Sump sampled @    |        |          |  |  |
| Recovery and Disp                | osal   |          |  |  |
| Pure DNAPL Recovery              | -      | Gallons  |  |  |
| DNAPL / Water Recovery           | -      | Gallons  |  |  |
| DNAPL drums onsite               | 2      | Drums    |  |  |
| Spent carbon drums onsite        | 2      | Drums    |  |  |
| PPE/Solids drums onsite          | /      | Drums    |  |  |
| Drums labeled?                   | Yes    | No       |  |  |
| Drums in storage unit?           | Yes    | No       |  |  |
| Club Vent Syste                  | em     |          |  |  |
| Fan Running?                     | (Yes)  | No       |  |  |
| Vac at sump enclosure?           | Yes    | No       |  |  |

Corbon Z is currently offline for Corbon blenching, will put book "on" on Mondy 12/4

Poor (N)

PSI

NO

Good

Yes

Yes

Yes

| Gasic  | mu T  | 26 East Niagara St  |                     |
|--------|---|---|---------------------|
|        |   | Totalizer:  | 551<br>4            |
| (d)    | Down  | System Status (Departure):  | Up                  |
|        |   | Discharge Piping  |                     |
| (Yes)  | No  |   | Goo                 |
| Yes    | No  |   |                     |
| Good   | Poor  | Pipe at catch basin clear?  | Goo                 |
| Yes    | No  | Pipe integrity at creek   | Goo                 |
| Good'  | Poor  | Pipe at creek clear?  | Yes                 |
| Good   | Poor  | Miscellaneous   |                     |
| Yes    | No  | Shed integrity  | Goo                 |
| Yes    | 140   | Shed ventillation acceptable?   | Ye                  |
| Yes    | Ng  | Repairs/work needed?  | Ye                  |
| ing    |   | Spill evidence?   | Ye                  |
| Yes    | No  | Electrical controls operational?  | (Ye                 |
| Good   | Poor  | Heater operational?   | Ye                  |
| Ves    | No  | Vault integrity   | God                 |
| 1.76   | GPM   | Repairs needed to vault?  | Ye                  |
| 1 - (0 |   |   |                     |
|        | 7   | Sampling  |                     |
| 15     | 7   | Sampling Sampling   | Ye                  |
|        | 7 (NO)  | VERNING WASHINGTON  | Ye<br>Mnt           |
| 15     | 6   | Sampling performed?   | _                   |
| Yes    | 6   | Sampling performed? Sampling event  | _                   |
|        | Ves<br>Ves<br>Good<br>Yes<br>Yes<br>Yes<br>Yes<br>Good<br>Yes | Ves No Ves No Good Poor Ves No Good Poor Ves No Yes No No Good Poor | Total Pumped:    Up |

| Primary carbon drum integrity   | Good | Poor |
|---------------------------------|------|------|
| Primary carbon drum leaks?      | Yes  | No   |
| Primary carbon drum pressure    | 5    | PSI  |
| Primary removed for disposal?   | Yes  | (No) |
| Secondary carbon drum integrity | Good | Poor |
| Secondary carbon drum leaks?    | Yes  | 9    |
| Secondarycarbon drum pressure   | 4    | PSI  |
| Secondary rotated to primary?   | Yes  | No   |
| Polishing carbon drum integrity | Good | Poor |
| Polishingcarbon drum leaks?     | Yes  | No   |
| Polishing carbon drum pressure  | l    | PSI  |
| Polishing rotated to secondary? | Yes  | No   |
| New carbon polishing drum?      | Yes  | NO   |

| Discharge Piping                 |        |         |
|----------------------------------|--------|---------|
| Pipe integrity in shed           | Good   | Poor    |
| Pipe integrity at catch basin    | Good   | Poor    |
| Pipe at catch basin clear?       | Yes    | No      |
| Pipe integrity at creek          | 6000   | Poor    |
| Pipe at creek clear?             | Yes,   | No      |
| Miscellaneous                    |        |         |
| Shed integrity                   | Good   | Poor    |
| Shed ventillation acceptable?    | Yes    | No      |
| Repairs/work needed?             | Yes    | No      |
| Spill evidence?                  | Yes    | No      |
| Electrical controls operational? | (Yes)  | No      |
| Heater operational?              | Yes    | No      |
| Vault integrity                  | Good   | Poor    |
| Repairs needed to vault?         | Yes    | No/     |
| Sampling                         |        |         |
| Sampling performed?              | Yes    | No      |
| Sampling event                   | Mnthly | Qtrky   |
| Post Carbon 3 sampled @          |        |         |
| Post Carbon 2 sampled @          |        |         |
| Post Carbon 1 sampled @          |        |         |
| Pre Carbon sampled @             |        |         |
| Inside/Outside Sump sampled @    | 1      |         |
| Recovery and Disp                | osal   |         |
| Pure DNAPL Recovery              | _      | Gallons |
| DNAPL / Water Recovery           | _      | Gallons |
| DNAPL drums onsite               | 2      | Drums   |
| Spent carbon drums onsite        | 2      | Drums   |
| PPE/Solids drums onsite          |        | Drums   |
| Drums labeled?                   | (Yes)  | No      |
| Drums in storage unit?           | (Yes') | No      |
| Club Vent Syste                  | m      |         |
| Fan Running?                     | Yes    | No      |
| Vac at sump enclosure?           | Yes    | No      |

Down

| Technician:        | Totalizer:    | 298810 |
|--------------------|---------------|--------|
| Date: [2.15]7      | Total Pumped: | 3297   |
| Weather: 20° clory |               |        |

System Status (Arrival):

| Up | Down | System St |
|----|------|-----------|
| /  |      |           |

| System              | Status | (Departure) | ١: |
|---------------------|--------|-------------|----|
| \$100 July 10000000 |        | Departare   |    |

| (qU) | Down |
|------|------|

| Oil Water Separator                    |      |            |
|--|------|------------|
| High level shut-off operational?       | Yes  | No         |
| Red warning light operational?         | Yes  | No         |
| Separator vessel integrity             | Good | Poor       |
| Leaks present?                         | Yes  | No         |
| Separator cover and seal integrity     | Good | Poor       |
| Decant valve integrity                 | Good | Poor       |
| LNAPL in separator?                    | Yes  | 610        |
| Separator needs cleaning?              | Yes  | No         |
| Separator cleaned?                     | Yes  | No         |
| Transfer Pump and Pipi                 | ng   |            |
| Pump operational?                      | Yes  | No         |
| Pump integrity                         | Good | Poor       |
| Flow meter operational?                | Yes  | No         |
| Transfer pump flow rate                | 1.67 | GPM        |
| Filter 1 Pressure @ arrival (In/Out)   | 15   | 7          |
| Filter 2 Pressure @ arrival(In/Out)    | 9    | 6          |
| Filters changed?                       | Yes  | No         |
| Filter 1 Pressure @ departure (In/Out) |      |            |
| Filter 2 Pressure @ departure(In/Out)  |      |            |
| Carbon Drums                           |      |            |
| Primary carbon drum integrity          | Good | Poor       |
| Primary carbon drum leaks?             | Yes  | <b>(2)</b> |
| Primary carbon drum pressure           | 6    | PSI        |
| Primary removed for disposal?          | Yes  | No         |
| Secondary carbon drum integrity        | Good | Poor       |
| Secondary carbon drum leaks?           | Yes  | No         |
| Secondarycarbon drum pressure          | 5    | PSI        |
| Secondary rotated to primary?          | Yes  | No         |
| Polishing carbon drum integrity        | Good | Poor       |
| Polishingcarbon drum leaks?            | Yes  | 640        |
| Polishing carbon drum pressure         | 1    | PSI        |
| Polishing rotated to secondary?        | Yes  | No         |
| New carbon polishing drum?             | Yes  | NO         |

| Discharge Piping                 |        |         |
|----------------------------------|--------|---------|
| Pipe integrity in shed           | Good   | Poor    |
| Pipe integrity at catch basin    | Googl  | Poor    |
| Pipe at catch basin clear?       | Yes    | No      |
| Pipe integrity at creek          | Good   | Poor    |
| Pipe at creek clear?             | Yes    | No      |
| Miscellaneous                    |        |         |
| Shed integrity                   | Good   | Poor    |
| Shed ventillation acceptable?    | Yes    | No      |
| Repairs/work needed?             | Yes    | Nø      |
| Spill evidence?                  | Yes    | Nø      |
| Electrical controls operational? | Yes    | No      |
| Heater operational? Coric        | Yes    | No      |
| Vault integrity                  | Good   | Poor    |
| Repairs needed to vault?         | Yes    | 100     |
| Sampling                         |        |         |
| Sampling performed?              | Yes    | No      |
| Sampling event                   | Mnthly | Qtrky   |
| Post Carbon 3 sampled @          |        |         |
| Post Carbon 2 sampled @          |        |         |
| Post Carbon 1 sampled @          |        |         |
| Pre Carbon sampled @             |        |         |
| Inside/Outside Sump sampled @    |        |         |
| Recovery and Disp                | osal   |         |
| Pure DNAPL Recovery              |        | Gallons |
| DNAPL / Water Recovery           | _      | Gallons |
| DNAPL drums onsite               | 2      | Drums   |
| Spent carbon drums onsite        | 2      | Drums   |
| PPE/Solids drums onsite          | 1      | Drums   |
| Drums labeled?                   | Yes    | No      |
| Drums in storage unit?           | Yes    | No      |
| Club Vent Syste                  | m      |         |
| Fan Running?                     | (es)   | No      |
| Vac at sump enclosure?           | Yes    | No      |
|                                  |        |         |

| Technician: | m           | Totalizer:      | 304467 |
|-------------|-------------|-----------------|--------|
| Date:       | 12/22/17    | _ Total Pumped: | 5657   |
| Weather:    | Ken son 20: |                 |        |

| System Status (Arrival):               | Up     | Down |
|--|--------|------|
| 6:1W.t                                 |        |      |
| Oil Water Separator                    | 13     | N1-  |
| High level shut-off operational?       | Yes    | No   |
| Red warning light operational?         | Yes    | No   |
| Separator vessel integrity             | Good   | Poor |
| Leaks present?                         | Yes    | No   |
| Separator cover and seal integrity     | Good,  | Poor |
| Decant valve integrity                 | Good   | Poor |
| LNAPL in separator?                    | Yes    | No   |
| Separator needs cleaning?              | Yes    | Ng   |
| Separator cleaned?                     | Yes    | NO   |
| Transfer Pump and Pipi                 | ng     |      |
| Pump operational?                      | (Yes)  | No   |
| Pump integrity                         | (Good) | Poor |
| Flow meter operational?                | Yes    | No   |
| Transfer pump flow rate                | 1.07   | GPM  |
| Filter 1 Pressure @ arrival (In/Out)   | 15     | 6    |
| Filter 2 Pressure @ arrival(In/Out)    | 7      | 5    |
| Filters changed?                       | Yes    | (No) |
| Filter 1 Pressure @ departure (In/Out) |        |      |
| Filter 2 Pressure @ departure(In/Out)  |        |      |
| Carbon Drums                           |        |      |
| Primary carbon drum integrity          | Good   | Poor |
| Primary carbon drum leaks?             | Yes    | No   |
| Primary carbon drum pressure           | 3      | PSI  |
| Primary removed for disposal?          | Yes    | No   |
| Secondary carbon drum integrity        | Good   | Poor |
| Secondary carbon drum leaks?           | Yes    | (00) |
| Secondarycarbon drum pressure          | 7      | PSI  |
| Secondary rotated to primary?          | Yes    | No   |
| Polishing carbon drum integrity        |        |      |
| Polishingcarbon drum leaks?            | Good   | Poor |
| Polishing carbon drum pressure         | Yes    | (10) |
| Polishing rotated to                   |        | PSI  |
| Polishing rotated to secondary?        | Yes    | No   |
| New carbon polishing drum?             | Yes    | 40   |

| Pipe integrity in shed Pipe integrity at catch basin Pipe at catch basin clear? Pipe at catch basin clear? Pipe at creek clear? Poor  Miscellaneous  Shed integrity Shed ventillation acceptable? Pee No Repairs/work needed? Pipe at creek clear? Pipe at creek clear? Pipe at creek clear? No Repairs/work needed? Pipe clear controls operational? Pipe No Repairs/work needed? Pipe No Repairs needed to vault? Pipe No Repairs needed to vault? Post Carbon 3 sampled @ Post Carbon 3 sampled @ Post Carbon 2 sampled @ Post Carbon 1 sampled @ Post Carbon 1 sampled @ Pre Carbon sampled @ Pre Carbon sampled @ Recovery and Disposal Pure DNAPL Recovery DNAPL / Water Recovery DNAPL drums onsite Drums Spent carbon drums onsite Drums PPE/Solids drums onsite PPE/Solids drums onsite Prums labeled? Prums labeled? Pres No Club Vent System Fan Running? Ves No No   | System Status (Departure):       | (Up)   | Down    |
|--|----------------------------------|--------|---------|
| Pipe integrity at catch basin Pipe at catch basin clear? Pipe at catch basin clear? Pipe at creek Pipe integrity at creek Pipe at creek clear? Pipe at creek clear? Pipe at creek clear? Pipe at creek clear?  Miscellaneous  Shed integrity Shed ventillation acceptable? Spill evidence? Pipe at creek clear?  Spill evidence? Pipe at creek clear?  No Repairs/work needed? Pess No Repairs needed to vault? Pess No Repairs needed to vault? Pess No Sampling Sampling performed? Sampling Sampling event Post Carbon 3 sampled @ Post Carbon 2 sampled @ Post Carbon 1 sampled @ Pre Carbon sampled @ Pre Carbon sampled @ Pre Carbon sampled @ Pre DNAPL Recovery DNAPL / Water Recovery DNAPL drums onsite Purums Spent carbon drums onsite Prums labeled? Drums Prums in storage unit? Pess No Club Vent System  Fan Running?  | Discharge Piping                 |        |         |
| Pipe integrity at catch basin Pipe at catch basin clear? Pipe at catch basin clear? Pipe at creek Pipe at creek clear?  Miscellaneous  Shed integrity Shed ventillation acceptable? Repairs/work needed? Spill evidence? Flectrical controls operational? Ves No  Heater operational? Ves No  Sampling Sampling performed? Sampling event Post Carbon 3 sampled @ Post Carbon 1 sampled @ Post Carbon 1 sampled @ Pre Carbon sampled @ Pre Carbon sampled @ Pond Porums Pond Carbon drums onsite Pure DNAPL Recovery DNAPL drums onsite PPE/Solids drums onsite PPE/Solids drums onsite Prums labeled? Drums in storage unit?  Club Vent System  Fan Running?  Ves No  |                                  | Good   | Poor    |
| Pipe integrity at creek Pipe at creek clear?  Miscellaneous  Shed integrity Shed ventillation acceptable? Repairs/work needed? Spill evidence? Electrical controls operational? Vas No Heater operational? Vas No Repairs needed to vault? Sampling Sampling performed? Sampling event Post Carbon 3 sampled @ Post Carbon 1 sampled @ Post Carbon 1 sampled @ Pre Carbon sampled @ Inside/Outside Sump sampled @ Pure DNAPL Recovery DNAPL drums onsite Spent carbon drums onsite PPE/Solids drums onsite Drums labeled? Drums in storage unit?  Club Vent System  Poor No Recovery No  |                                  | Good   | Poor    |
| Pipe at creek clear?  Miscellaneous  Shed integrity Shed ventillation acceptable? Repairs/work needed? Spill evidence? Electrical controls operational? Ves No Heater operational? Ves No Vault integrity Sampling Sampling performed? Sampling event Post Carbon 3 sampled @ Post Carbon 1 sampled @ Pre Carbon sampled @ Pre Carbon sampled @ Recovery and Disposal  Pure DNAPL Recovery DNAPL drums onsite Spent carbon drums onsite PPE/Solids drums onsite Drums labeled? Drums in storage unit?  Ves No No No Club Vent System   | Pipe at catch basin clear?       | Yes    | No      |
| Shed integrity Shed ventillation acceptable? Repairs/work needed? Spill evidence? Electrical controls operational? Ves No Heater operational? Ves No Heater operational? Ves No Sampling Sampling performed? Sampling event Post Carbon 3 sampled @ Post Carbon 1 sampled @ Pre Carbon sampled @ Pre Carbon sampled @ Pre DNAPL Recovery DNAPL / Water Recovery DNAPL drums onsite Spent carbon drums onsite PPE/Solids drums onsite Drums Drums labeled? Drums in storage unit? Ves No Poor Repairs needed to vault? Ves No No No Club Vent System Ves No   | Pipe integrity at creek          | Good   | Poor    |
| Shed integrity Shed ventillation acceptable? Repairs/work needed? Spill evidence? Flectrical controls operational? Ves No Heater operational? Ves No Heater operational? Ves No Heater operational? Ves No  Sampling  Sampling Sampling performed? Sampling event Mnthly Otrly Post Carbon 3 sampled @ Post Carbon 2 sampled @ Post Carbon 1 sampled @ Pre Carbon sampled @ Inside/Outside Sump sampled @ Recovery and Disposal Pure DNAPL Recovery DNAPL / Water Recovery DNAPL drums onsite Spent carbon drums onsite PPE/Solids drums onsite  Drums Drums labeled? Drums in storage unit? Ves No  Club Vent System  Fan Running?  | Pipe at creek clear?             | (Yes)  | No      |
| Shed ventillation acceptable?  Repairs/work needed?  Spill evidence?  Electrical controls operational?  Heater operational?  Ves No  Heater operational?  Ves No  Heater operational?  Ves No  Yes No  Yes No  Yes No  Yes No  Repairs needed to vault?  Sampling  Sampling performed?  Sampling event  Post Carbon 3 sampled @  Post Carbon 2 sampled @  Pre Carbon sampled @  Pre Carbon sampled @  Recovery and Disposal  Pure DNAPL Recovery  DNAPL / Water Recovery  DNAPL drums onsite  Spent carbon drums onsite  PPE/Solids drums onsite  Drums  Drums labeled?  Drums in storage unit?  Club Vent System  Fan Running?  | Miscellaneous                    |        |         |
| Repairs/work needed?  Spill evidence?  Electrical controls operational?  Heater operational?  Ves No  Heater operational?  Vault integrity  Repairs needed to vault?  Sampling  Sampling performed?  Sampling event  Post Carbon 3 sampled @  Post Carbon 2 sampled @  Pre Carbon sampled @  Pre Carbon sampled @  Recovery and Disposal  Pure DNAPL Recovery  DNAPL / Water Recovery  DNAPL drums onsite  Spent carbon drums onsite  PPE/Solids drums onsite  Drums  Drums labeled?  Drums in storage unit?  Club Vent System  Fan Running?   | Shed integrity                   |        | Poor    |
| Spill evidence?  Electrical controls operational?  Heater operational?  Ves No  Heater operational?  Ves No  Vault integrity  Repairs needed to vault?  Sampling  Sampling performed?  Sampling event  Post Carbon 3 sampled @  Post Carbon 2 sampled @  Pre Carbon sampled @  Pre Carbon sampled @  Recovery and Disposal  Pure DNAPL Recovery  DNAPL / Water Recovery  DNAPL drums onsite  Spent carbon drums onsite  PPE/Solids drums onsite  Drums  Drums labeled?  Drums in storage unit?  Club Vent System  Fan Running?   | Shed ventillation acceptable?    | Yes    |         |
| Electrical controls operational?  Heater operational?  Vault integrity  Repairs needed to vault?  Sampling  Sampling performed?  Sampling event  Post Carbon 3 sampled @  Post Carbon 2 sampled @  Pre Carbon sampled @  Pre Carbon sampled @  Inside/Outside Sump sampled @  Recovery and Disposal  Pure DNAPL Recovery  DNAPL / Water Recovery  DNAPL drums onsite  Spent carbon drums onsite  PPE/Solids drums onsite  Drums  Drums labeled?  Drums in storage unit?  Yes  No  No  Club Vent System  No   | Repairs/work needed?             | Yes    |         |
| Heater operational?  Vault integrity  Repairs needed to vault?  Sampling  Sampling performed?  Sampling event  Post Carbon 3 sampled @  Post Carbon 1 sampled @  Pre Carbon sampled @  Pre Carbon sampled @  Inside/Outside Sump sampled @  Recovery and Disposal  Pure DNAPL Recovery  DNAPL / Water Recovery  DNAPL drums onsite  Spent carbon drums onsite  Drums  PPE/Solids drums onsite  Drums labeled?  Drums in storage unit?  Yes  No  Club Vent System  No   | Spill evidence?                  | Yes    | No      |
| Vault integrity Repairs needed to vault?  Sampling  Sampling performed?  Sampling performed?  Sampling event Post Carbon 3 sampled @ Post Carbon 2 sampled @ Post Carbon 1 sampled @ Pre Carbon sampled @ Inside/Outside Sump sampled @  Recovery and Disposal  Pure DNAPL Recovery DNAPL / Water Recovery DNAPL drums onsite Spent carbon drums onsite Drums Spent carbon drums onsite Drums labeled? Drums in storage unit?  Club Vent System  Fan Running?  Yes No  | Electrical controls operational? |        | No      |
| Repairs needed to vault?  Sampling  Sampling performed?  Sampling event  Post Carbon 3 sampled @  Post Carbon 2 sampled @  Pre Carbon sampled @  Pre Carbon sampled @  Inside/Outside Sump sampled @  Recovery and Disposal  Pure DNAPL Recovery  DNAPL / Water Recovery  DNAPL drums onsite  Spent carbon drums onsite  PPE/Solids drums onsite  Drums  Drums labeled?  Drums in storage unit?  Yes No  Club Vent System  Yes No  | Heater operational?              | Yes    | No      |
| Sampling performed? Yes No/Sampling performed? Yes Mnthly Otrly Post Carbon 3 sampled @ Post Carbon 2 sampled @ Post Carbon 1 sampled @ Pre Carbon sampled @ |                                  | Good   | Poor    |
| Sampling performed?  Sampling event  Post Carbon 3 sampled @  Post Carbon 2 sampled @  Post Carbon 1 sampled @  Pre Carbon sampled @  Inside/Outside Sump sampled @  Recovery and Disposal  Pure DNAPL Recovery  DNAPL / Water Recovery  DNAPL drums onsite  Spent carbon drums onsite  Drums  Spent carbon drums onsite  Drums labeled?  Drums in storage unit?  Club Vent System  Yes No   |                                  | Yes    | No      |
| Sampling event Mnthly Qtrly Post Carbon 3 sampled @ Post Carbon 2 sampled @ Post Carbon 1 sampled @ Pre Carbon sampled @ Inside/Outside Sump sampled @ Recovery and Disposal Pure DNAPL Recovery Gallons DNAPL / Water Recovery Gallons DNAPL drums onsite Drums Spent carbon drums onsite Drums PPE/Solids drums onsite Drums Drums labeled? Yes No Club Vent System Fan Running? Yes No  | Sampling                         |        |         |
| Post Carbon 3 sampled @ Post Carbon 2 sampled @ Post Carbon 1 sampled @ Pre Carbon sampled @ Inside/Outside Sump sampled @ Recovery and Disposal Pure DNAPL Recovery Gallons DNAPL / Water Recovery Gallons DNAPL drums onsite Drums Spent carbon drums onsite Drums PPE/Solids drums onsite Drums Drums labeled? Yes No Club Vent System Fan Running? Yes No  | Sampling performed?              | Yes    | No      |
| Post Carbon 2 sampled @ Post Carbon 1 sampled @ Pre Carbon sampled @ Inside/Outside Sump sampled @  Recovery and Disposal  Pure DNAPL Recovery Gallons DNAPL / Water Recovery Gallons  DNAPL drums onsite Drums Spent carbon drums onsite Drums PPE/Solids drums onsite / Drums Drums labeled? Yes No  Club Vent System  Fan Running? Yes No   |                                  | Mnthly | Qtply   |
| Post Carbon 1 sampled @ Pre Carbon sampled @ Inside/Outside Sump sampled @  Recovery and Disposal  Pure DNAPL Recovery Gallons  DNAPL / Water Recovery Gallons  DNAPL drums onsite Drums  Spent carbon drums onsite Drums  PPE/Solids drums onsite I Drums  Drums labeled? Yes No  Club Vent System  Fan Running? Yes No   |                                  |        |         |
| Pre Carbon sampled @  Inside/Outside Sump sampled @  Recovery and Disposal  Pure DNAPL Recovery Gallons  DNAPL / Water Recovery Drums  Spent carbon drums onsite Drums  PPE/Solids drums onsite / Drums  Drums labeled? Yes No  Club Vent System  Fan Running? Yes No  | Post Carbon 2 sampled @          | 10     |         |
| Inside/Outside Sump sampled @  Recovery and Disposal  Pure DNAPL Recovery Gallons  DNAPL / Water Recovery Gallons  DNAPL drums onsite Drums  Spent carbon drums onsite Drums  PPE/Solids drums onsite Drums  Drums labeled? Yes No  Club Vent System  Fan Running? Yes No  | Post Carbon 1 sampled @          |        |         |
| Recovery and Disposal  Pure DNAPL Recovery Gallons  DNAPL / Water Recovery Gallons  DNAPL drums onsite Drums  Spent carbon drums onsite Drums  PPE/Solids drums onsite / Drums  Drums labeled? Yes No  Club Vent System  Fan Running? Yes No   | Pre Carbon sampled @             | /      |         |
| Pure DNAPL Recovery  DNAPL / Water Recovery  DNAPL drums onsite  Spent carbon drums onsite  PPE/Solids drums onsite  Drums  Drums labeled?  Drums in storage unit?  Club Vent System  Fan Running?  Gallons  Gallons  Gallons  Gallons  Fallons  Orums  Orums  Nound  Tums  Club Vent System  Fan Running?   | Inside/Outside Sump sampled @    |        |         |
| DNAPL / Water Recovery — Gallons DNAPL drums onsite — Drums Spent carbon drums onsite — Drums PPE/Solids drums onsite — / Drums Drums labeled? — Yes No Drums in storage unit? — Yes No Club Vent System Fan Running? — Yes No   | Recovery and Disp                | osal   |         |
| DNAPL drums onsite  Spent carbon drums onsite  PPE/Solids drums onsite  Drums  Drums labeled?  Drums in storage unit?  Club Vent System  Fan Running?  Drums onsite  Ves No  Ves No  | Pure DNAPL Recovery              |        | Gallons |
| DNAPL drums onsite  Spent carbon drums onsite  PPE/Solids drums onsite  Drums labeled?  Drums labeled?  Drums in storage unit?  Club Vent System  Fan Running?  Drums  No  | DNAPL / Water Recovery           |        | Gallons |
| Spent carbon drums onsite  PPE/Solids drums onsite  Drums  Drums labeled?  Drums in storage unit?  Club Vent System  Fan Running?  Drums onsite  Ves No  No  | DNAPL drums onsite               | 2      |         |
| PPE/Solids drums onsite / Drums Drums labeled? Yes No Drums in storage unit? Yes No Club Vent System Fan Running? Yes No   |                                  | 2      |         |
| Drums labeled?  Drums in storage unit?  Club Vent System  Fan Running?  Yes No  No   | PPE/Solids drums onsite          | 1      |         |
| Drums in storage unit?  Club Vent System  Fan Running?  Yes No   |                                  | (Yes)  |         |
| Club Vent System Fan Running?  Yes No  |                                  |        |         |
|  |                                  | em     |         |
|  | Fan Running?                     | Yes    | No      |
|  |                                  | Yes    |         |

| NYSDEC                                 | - Gas | town 1 | 126 East Niagara St              |      |
|--|-------|--------|----------------------------------|------|
| Technician:                            |       |        |                                  | 0931 |
| Date: 12 29 17                         |       |        | Total Pumped:                    | 415  |
| Weather: 70 (ght Swa                   |       |        |                                  | 10   |
| System Status (Arrival):               | Up    | Down   | System Status (Departure):       | qU   |
| Oil Water Separator                    | r     |        | Discharge Pipir                  | ng   |
| High level shut-off operational?       | (Yes) | No     | Pipe integrity in shed           | Good |
| Red warning light operational?         | Yes   | No     | Pipe integrity at catch basin    | Good |
| Separator vessel integrity             | Good  | Poor   | Pipe at catch basin clear?       | Yes  |
| Leaks present?                         | Yes   | No     | Pipe integrity at creek          | Good |
| Separator cover and seal integrity     | Good  | Poor   | Pipe at creek clear?             | Yes  |
| Decant valve integrity                 | Good  | Poor   | Miscellaneous                    |      |
| LNAPL in separator?                    | Yes   | No     | Shed integrity                   | Goød |
| Separator needs cleaning?              | Yes   | No     | Shed ventillation acceptable?    | Yes  |
| Separator cleaned?                     | Yes   | No     | Repairs/work needed?             | Yes  |
| Transfer Pump and Pip                  | ing   |        | Spill evidence?                  | Yes  |
| Pump operational?                      | Yes   | No     | Electrical controls operational? | Yes  |
| Pump integrity                         | Good  | Poor   | Heater operational?              | Yes  |
| Flow meter operational?                | Yes   | No     | Vault integrity                  | Good |
| Transfer pump flow rate                | 1.68  | GPM    | Repairs needed to vault?         | Yes  |
| Filter 1 Pressure @ arrival (In/Out)   | 17    | 5      | Sampling                         |      |
| Filter 2 Pressure @ arrival(In/Out)    | 7     | C      | Sampling performed?              | Yes  |
| Filters changed?                       | Yes   | No     | Sampling event                   | Mnth |
| Filter 1 Pressure @ departure (In/Out) |       |        | Post Carbon 3 sampled @          |      |
| Filter 2 Pressure @ departure(In/Out)  |       |        | Post Carbon 2 sampled @          |      |
| Carbon Drums                           |       |        | Post Carbon 1 sampled @          |      |
| Primary carbon drum integrity          | Good  | Poor   | Pre Carbon sampled @             |      |
| Primary carbon drum leaks?             | Yes   | No     | Inside Outside Sump sampled @    |      |

5

Yes

Good)

Yes

Yes

Good

Yes

Yes

Yes

PSI

No

Poor No

PSI

Poor

(ON)

**PSI** 

NO

NO

|                           | -pood. |         |
|---------------------------|--------|---------|
| Pure DNAPL Recovery       | -      | Gallons |
| DNAPL / Water Recovery    | -      | Gallons |
| DNAPL drums onsite        | 2      | Drums   |
| Spent carbon drums onsite | 2      | Drums   |
| PPE/Solids drums onsite   | 1      | Drums   |
| Drums labeled?            | Yes    | No      |
| Drums in storage unit?    | (Yes)  | No      |
| Club Vent Sys             | tem    |         |
| Fan Running?              | Yes    | No      |
| Vac at sump enclosure?    | Yes    | No      |

**Recovery and Disposal** 

Down

Poor No Poor No

Poor No No No No Poor

No Qtrly

1120

Notes:

Primary carbon drum pressure

Primary removed for disposal?

Secondary carbon drum leaks?

Secondary rotated to primary?

Polishing carbon drum integrity

Polishing carbon drum pressure

Polishing rotated to secondary?

Polishingcarbon drum leaks?

New carbon polishing drum?

Secondarycarbon drum pressure

Secondary carbon drum integrity