

**FORMER GASTOWN MGP SITE
SITE NO. 915171**

**2023 SITE VISIT CHECKLISTS
FOR THE GROUNDWATER COLLECTION
& TREATMENT SYSTEM**

NYSDEC - Gastown 126 East Niagara St

Technician: J Paterson
 Date: 01/04/23
 Weather: 35°F Cloudy

Totalizer: 91142.3
 Total Pumped: 5983.6

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	(No)
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	0.14	GPM
Filter 1 Pressure @ arrival (In/Out)	20	4
Filter 2 Pressure @ arrival (In/Out)	20	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	2	PSI
Primary removed for disposal?	Yes	(No)
Secondary carbon drum integrity	Good	Poor
Secondary carbon drum leaks?	Yes	(No)
Secondary carbon drum pressure	0	PSI
Secondary rotated to primary?	Yes	(No)
Polishing carbon drum integrity	Good	Poor
Polishing carbon drum leaks?	Yes	(No)
Polishing carbon drum pressure	0	PSI
Polishing rotated to secondary?	Yes	(No)
New carbon polishing drum?	Yes	(No)

New

3

1

1

C3 - bypass

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 ventilation acceptable?	(Yes)	No
Repairs/work needed?	Yes	(No)
Spill evidence?	Yes	(No)
Electrical controls operational?	(Yes)	No
Heaters 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		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

did not enter clubhouse

Notes:

Red light not operational - bulb most likely needs replaced

Once blue filters were swapped, C1 and C3 sprouted a leak
 C1 is just spurting mostly air. C3 is spurting water. Fitted bypass on C3

System up on departure

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson

Date: 1/11/23

Weather: 33°F Cloudy

Totalizer: 97442.1

Total Pumped: 6249.8

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Red warning light operational?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Separator vessel integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Leaks present?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Decant valve integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
LNAPL in separator?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cleaned?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pump integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Transfer pump flow rate	<u>1.04</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>5</u>	<u>7</u>
Filter 2 Pressure @ arrival (In/Out)	<u>5</u>	<u>6</u>
Filters changed?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure (In/Out)		
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Primary carbon drum leaks?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	<u>4.5</u>	PSI
Primary removed for disposal?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Secondary carbon drum leaks?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	<u>2</u>	PSI
Secondary rotated to primary?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Polishing carbon drum leaks?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Polishing carbon drum pressure	<u>NA</u>	PSI
Polishing rotated to secondary?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
New carbon polishing drum?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No

Notes:

need chlorine tabs

water over High float → red light not on

C1 = no leaks apparent from last time

C3 still has bypass → will address when Tom is back next wk

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pipe integrity at creek	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Repairs/work needed?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Spill evidence?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Heaters operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vault integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Repairs needed to vault?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Sampling		
Sampling performed?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Sampling event	<u>Mnthly</u>	<u>Qtrly</u>
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?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Drums in storage unit?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vac at sump enclosure?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

D.O not enter clubhouse

NYSDEC - Gastown 126 East Niagara St

Technician: B. Delaney
 Date: 01/19/2023
 Weather: Rain 30°F

Totalizer: 109835
 Total Pumped: 12,393

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	No
Red warning light operational?	Yes	<input checked="" type="radio"/> No
Separator vessel integrity	<input checked="" type="radio"/> Good	Poor
Leaks present?	Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	Poor
Decant valve integrity	<input checked="" type="radio"/> Good	Poor
LNAPL in separator?	Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	Yes	<input checked="" type="radio"/> No
Separator cleaned?	Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	No
Pump integrity	<input checked="" type="radio"/> Good	Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	No
Transfer pump flow rate	<u>1.08</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>1</u>	<u>6.5</u>
Filter 2 Pressure @ arrival (In/Out)	<u>7</u>	<u>5.5</u>
Filters changed?	Yes	<input checked="" type="radio"/> No
Filter 1 Pressure @ departure (In/Out)	-	-
Filter 2 Pressure @ departure (In/Out)	-	-
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	Poor
Primary carbon drum leaks?	Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	<u>4</u>	PSI
Primary removed for disposal?	Yes	<input checked="" type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	Poor
Secondary carbon drum leaks?	Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	<u>2</u>	PSI
Secondary rotated to primary?	Yes	<input checked="" type="radio"/> No
Polishing carbon drum integrity	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure	<u>2</u>	PSI
Polishing rotated to secondary?	Yes	<input checked="" type="radio"/> No
New carbon polishing drum?	Yes	<input checked="" type="radio"/> No

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	No
Pipe integrity at creek	<input checked="" type="radio"/> Good	Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	No
Repairs/work needed?	Yes	<input checked="" type="radio"/> No
Spill evidence?	Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	No
Heaters operational?	<input checked="" type="radio"/> Yes	No
Vault integrity	<input checked="" type="radio"/> Good	Poor
Repairs needed to vault?	Yes	<input checked="" type="radio"/> No
Sampling		
Sampling performed?	Yes	<input checked="" type="radio"/> 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	<input checked="" type="radio"/> 0	Gallons
DNAPL / Water Recovery	<input checked="" type="radio"/> 0	Gallons
DNAPL drums onsite	<u>1</u>	Drums
Spent carbon drums onsite	<u>5</u>	Drums
PPE/Solids drums onsite	<u>1</u>	Drums
Drums labeled?	<input checked="" type="radio"/> Yes	No
Drums in storage unit?	<input checked="" type="radio"/> Yes	No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	No
Vac at sump enclosure?	Yes	<input checked="" type="radio"/> No

No Access

Notes: Pr. BD Polishing drum is currently bypassed
 3 Drums outside shed.

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 01/24/23
 Weather: 33°F Overcast

Totalizer: 117208
 Total Pumped: 7373

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Red warning light operational?	Yes	<input checked="" type="radio"/> No
Separator vessel integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Leaks present?	Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Decant valve integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
LNAPL in separator?	Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	Yes	<input checked="" type="radio"/> No
Separator cleaned?	Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pump integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Transfer pump flow rate	0.97	GPM
Filter 1 Pressure @ arrival (In/Out)	11	7
Filter 2 Pressure @ arrival (In/Out)	11	6
Filters changed?	Yes	<input checked="" type="radio"/> No
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure (In/Out)		
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Primary carbon drum leaks?	Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	3.5	PSI
Primary removed for disposal?	Yes	<input checked="" type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Secondary carbon drum leaks?	Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	1.25	PSI
Secondary rotated to primary?	Yes	<input checked="" type="radio"/> No
Polishing carbon drum integrity	Good	Poor
Polishing carbon drum leaks?	<input checked="" type="radio"/> Yes	No
Polishing carbon drum pressure		PSI
Polishing rotated to secondary?	Yes	<input checked="" type="radio"/> No
New carbon polishing drum?	Yes	<input checked="" type="radio"/> No

Notes:

C3 still has bypass. We do have replacement drum nearby if need be.

Vacced out water from blue filters in C3

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pipe integrity at creek	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Repairs/work needed?	Yes	<input checked="" type="radio"/> No
Spill evidence?	Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Heaters operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vault integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Repairs needed to vault?	Yes	<input checked="" type="radio"/> 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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vac at sump enclosure?	Yes	No

no access

same

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 02/01/23
 Weather: 21°F Sunny, breezy

Totalizer: 128399
 Total Pumped: 11,191

System Status (Arrival): Up Down

System Status (Departure): Up Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	Yes	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>

Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	<u>1.27</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>11.5</u>	<u>5</u>
Filter 2 Pressure @ arrival (In/Out)	<u>12</u>	<u>4</u>
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In/Out)	<u>1</u>	<u>1</u>
Filter 2 Pressure @ departure (In/Out)	<u>1</u>	<u>1</u>

Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	<u>Yes</u>	No
Primary carbon drum pressure	<u>2</u>	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	<u>1.5</u>	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure		PSI
Polishing rotated to secondary?	Yes	No
New carbon polishing drum?	Yes	No

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No

Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>

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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No

Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

Notes:

Replaced red high level bulb → need to buy new
 Adjusted pump down slightly to 1.06

C3 bypass still operational

Water in sec. cont. of C1 → less than an inch. Will monitor. No visible leak
 ↳ vacced out and put through OWS

Checked inside clubhouse → 2 1/2 pumps operational.

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson
 Date: 02/04/23
 Weather: 33°F Overcast

Totalizer: 129918
 Total Pumped: 1519

System Status (Arrival):

Up ☐ Down ☒

System Status (Departure):

Up ☐ Down ☒

Oil Water Separator		
High level shut-off operational?	<input checked="" type="checkbox"/> Yes	No
Red warning light operational?	<input checked="" type="checkbox"/> Yes	No
Separator vessel integrity	<input checked="" type="checkbox"/> Good	Poor
Leaks present?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Separator cover and seal integrity	<input checked="" type="checkbox"/> Good	Poor
Decant valve integrity	<input checked="" type="checkbox"/> Good	Poor
LNAPL in separator?	Yes	<input checked="" type="checkbox"/> No
Separator needs cleaning?	Yes	<input checked="" type="checkbox"/> No
Separator cleaned?	Yes	<input checked="" type="checkbox"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="checkbox"/> Yes	No
Pump integrity	<input checked="" type="checkbox"/> Good	Poor
Flow meter operational?	<input checked="" type="checkbox"/> Yes	No
Transfer pump flow rate	0.0	GPM
Filter 1 Pressure @ arrival (In/Out)	0	0
Filter 2 Pressure @ arrival(In/Out)	0	0
Filters changed?	Yes	<input checked="" type="checkbox"/> No
Filter 1 Pressure @ departure (In/		
Filter 2 Pressure @ departure(In/		
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="checkbox"/> Good	Poor
Primary carbon drum leaks?	Yes	<input checked="" type="checkbox"/> No
Primary carbon drum pressure	0	PSI
Primary removed for disposal?	Yes	<input checked="" type="checkbox"/> No
Secondary carbon drum integrity	<input checked="" type="checkbox"/> Good	Poor
Secondary carbon drum leaks?	Yes	<input checked="" type="checkbox"/> No
Secondary carbon drum pressure	0	PSI
Secondary rotated to primary?	Yes	<input checked="" type="checkbox"/> No
Polishing carbon drum integrity	<input checked="" type="checkbox"/> Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure		PSI
Polishing rotated to secondary?	Yes	No
New carbon polishing drum?	Yes	No

Discharge Piping		
Pipe integrity in shed	<input checked="" type="checkbox"/> Good	<input checked="" type="checkbox"/> Poor
Pipe integrity at catch basin	<input checked="" type="checkbox"/> Good	Poor
Pipe at catch basin clear?	<input checked="" type="checkbox"/> Yes	No
Pipe integrity at creek	<input checked="" type="checkbox"/> Good	Poor
Pipe at creek clear?	<input checked="" type="checkbox"/> Yes	No
Miscellaneous		
Shed integrity	<input checked="" type="checkbox"/> Good	Poor
Shed ventilation acceptable?	<input checked="" type="checkbox"/> Yes	No
Repairs/work needed?	<input checked="" type="checkbox"/> Yes	No
Spill evidence?	Yes	<input checked="" type="checkbox"/> No
Electrical controls operational?	<input checked="" type="checkbox"/> Yes	No
Heaters operational?	<input checked="" type="checkbox"/> Yes	No
Vault integrity	<input checked="" type="checkbox"/> Good	Poor
Repairs needed to vault?	Yes	<input checked="" type="checkbox"/> 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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<input checked="" type="checkbox"/> Yes	No
Vac at sump enclosure?	<input checked="" type="checkbox"/> Yes	No

Did not enter clubhouse - empty

Notes:

C3 still hooked up to bypass
 System off so no pressure in drums or filters
 Some piping is broken from freezing event and will need replaced.
 Vent fan @ vault is still running and water is filling vault
 System to remain off until repairs can be made

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 02/17/23
 Weather: 24° Overcast

Totalizer: same (129918 + 4 gal)
 Total Pumped: 4 gal

System Status (Arrival): Up ~~Down~~

System Status (Departure): ~~Up~~ Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	<u>1.25</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>4.5 / 2.5</u>	
Filter 2 Pressure @ arrival (In/Out)	<u>8.5 / 3</u>	
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure (In/Out)		
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	<u>MM</u>	PSI
Primary removed for disposal?	<u>Yes</u>	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	<u>MM</u>	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure		PSI
Polishing rotated to secondary?	Yes	No
New carbon polishing drum?	Yes	No

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	<u>No</u>
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	NA	Yes
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
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 X 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?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

Notes: C3 still on bypass

Completed piping and turned system on
 All new piping working well but a fresh
 leak was discovered in OWS shed where piping
 leaves OWS just before 90° to R shed.

Turned system off. Completed repair w/ parts onsite.
 Turned system on. → no apparent leaks

(Blues have new filters)

NYSDEC - Gastown 126 East Niagara St

Technician: J PATERSON
 Date: 02/20/23
 Weather: 41° E Overcast

Totalizer: 68.97
 Total Pumped: ~69

System Status (Arrival): Up Down

System Status (Departure): Up Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	<u>Yes</u>	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	<u>Poor</u>
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	<u>1.02</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>5</u>	<u>3</u>
Filter 2 Pressure @ arrival(In/Out)	<u>9</u>	<u>3.5</u>
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In/		
Filter 2 Pressure @ departure(In/		
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	<u>3</u>	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	<u>2</u>	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	<u>No</u>
Polishing carbon drum pressure	<u>NA</u>	PSI
Polishing rotated to secondary?	Yes	<u>No</u>
New carbon polishing drum?	Yes	<u>No</u>

Notes:

Small leaks by t-pump and union leading into
 Could not tighten down enough to stop them MR is
 going to stop by and take a look

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	<u>Poor</u>
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	<u>Yes</u>	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
Sampling		
Sampling performed?	Yes	No
Sampling event	Monthly	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
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

NYSDEC - Gastown 126 East Niagara St

Technician: J PATERSON
 Date: 03/03/23
 Weather: 32° F

Totalizer: 306.2
 Total Pumped: 114.3

System Status (Arrival): Up Down

System Status (Departure): Up Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	<u>1.58</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>7</u>	<u>3</u>
Filter 2 Pressure @ arrival (In/Out)	<u>10</u>	<u>4</u>
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In/Out)	<u>-</u>	<u>-</u>
Filter 2 Pressure @ departure (In/Out)	<u>-</u>	<u>-</u>
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	<u>0</u>	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	<u>5</u>	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure	<u>4</u>	PSI
Polishing rotated to secondary?	Yes	No
New carbon polishing drum?	Yes	No

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	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	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	<u>Yes</u>	No
Spill evidence?	<u>Yes</u>	No
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
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		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

Notes:

C3 still on bypass
 Flow meter ~ 1.48 - 1.58
 Did not check clubhouse (closed)

NYSDEC - Gastown 126 East Niagara St

Technician: J Patevson
 Date: 03/10/23
 Weather: 32°F Snowing

Totalizer: 13610
 Total Pumped: 13304

System Status (Arrival): Up Down

System Status (Departure): Up Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	<u>1.28</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>17</u>	<u>4.5</u>
Filter 2 Pressure @ arrival(In/Out)	<u>20</u>	<u>5</u>
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure(In/Out)		
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	<u>4</u>	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	<u>3.5</u>	PSI
Secondary rotated to primary?	Yes	No
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure		PSI
Polishing rotated to secondary?	Yes	No
New carbon polishing drum?	Yes	No

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

Notes:

Blue filters need changed on Monday
 Did not enter clubhouse

Keep an eye on roof - refit insulation next week

C3 still on bypass

NYSDEC - Gastown 126 East Niagara St

Technician: J PATERSON
 Date: 03/13/23
 Weather: 33° F Cloudy

Totalizer: 166389.8
 Total Pumped: 3335

System Status (Arrival): ☒ Up ☐ Down

System Status (Departure): ☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Red warning light operational?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Separator vessel integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Leaks present?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Separator cover and seal integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Decant valve integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
LNAPL in separator?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Separator needs cleaning?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Separator cleaned?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Pump integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Flow meter operational?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Transfer pump flow rate	<u>1.49</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>22</u>	<u>3</u>
Filter 2 Pressure @ arrival (In/Out)	<u>24</u>	<u>3.5</u>
Filters changed?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Filter 1 Pressure @ departure (In/Out)	<u>7</u>	<u>5</u>
Filter 2 Pressure @ departure (In/Out)	<u>11</u>	<u>6</u>
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Primary carbon drum leaks?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Primary carbon drum pressure	<u>5</u>	PSI
Primary removed for disposal?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Secondary carbon drum integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Secondary carbon drum leaks?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Secondary carbon drum pressure	<u>4</u>	PSI
Secondary rotated to primary?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Polishing carbon drum integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Polishing carbon drum leaks?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Polishing carbon drum pressure	<u>2.5</u>	PSI
Polishing rotated to secondary?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
New carbon polishing drum?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Discharge Piping		
Pipe integrity in shed	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Pipe integrity at catch basin	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Pipe at catch basin clear?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Pipe integrity at creek	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Pipe at creek clear?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Miscellaneous		
Shed integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Shed ventilation acceptable?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Repairs/work needed?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Spill evidence?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Electrical controls operational?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Heaters operational?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Vault integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Repairs needed to vault?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Sampling		
Sampling performed?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Sampling event	<u>Mnthly</u>	<u>Qtrly</u>
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?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Drums in storage unit?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Club Vent System		
Fan Running?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Vac at sump enclosure?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Notes:

* flow sometimes get stuck at T-pump had to open valve slightly
 0 gpm → 1.5 gpm

E3 still on bypass
 changed blue filters.

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 03/23/23
 Weather: 44°F Rainy

Totalizer: 29942
 Total Pumped: 16639

System Status (Arrival): Up Down

System Status (Departure): Up Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	<u>No</u> *
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	1.11	GPM
Filter 1 Pressure @ arrival (In/Out)	25	4.5
Filter 2 Pressure @ arrival (In/Out)	28	5
Filters changed?	<u>Yes</u>	No
Filter 1 Pressure @ departure (In/Out)	9	6.5
Filter 2 Pressure @ departure (In/Out)	12.5	7.5
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	5	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	4.5	PSI
Secondary rotated to primary?	Yes	No
Polishing carbon drum integrity	<u>Good</u>	<u>Poor</u>
Polishing carbon drum leaks?	<u>Yes</u>	<u>No</u>
Polishing carbon drum pressure		PSI
Polishing rotated to secondary?	Yes	No
New carbon polishing drum?	Yes	No

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	Yes	No
Pipe integrity at creek	Good	Poor
Pipe at creek clear?	Yes	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	<u>Yes</u>	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
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		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

Notes: C3 still on bypass

NA

* High water level shut off did not turn off sump pump and the OWS overflowed. Upon arrival I just shut off sump pump in the control panel. Switched out blue filters and drained OWS to show high water float. Cleaned float and tested it. Float appears to be working

Blue influent pressures ~25 - needed to change
 After 15, the filters were still high → will check early next week
 Tested float again, turned everything back on - All good

NYSDEC - Gastown 126 East Niagara St

Technician: J. Paterson
 Date: 03/28/23
 Weather: 39°F partly cloudy/rain showers

Totalizer: 40219.4
 Total Pumped: 10277

System Status (Arrival): Up Down

System Status (Departure): Up Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	<u>0.95</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>15</u>	<u>5</u>
Filter 2 Pressure @ arrival(In/Out)	<u>19</u>	<u>5.5</u>
Filters changed?	<u>Yes</u>	No
Filter 1 Pressure @ departure (In/Out)	<u>8.5</u>	<u>6</u>
Filter 2 Pressure @ departure(In/Out)	<u>12</u>	<u>7</u>
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	<u>5</u>	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	<u>4</u>	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	<u>No</u>
Polishing carbon drum pressure	<u>1.5</u>	PSI
Polishing rotated to secondary?	<u>Yes</u>	No
New carbon polishing drum?	Yes	<u>No</u>

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

Notes: C3 still on bypass

changed blue filters, there has been a lot of rain/snowmelt as can be expected in spring

Double checked HWL shut-offs. When turned off system to a blues the ams filled until float came up. red light came on ✓ sump pump off ✓

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 01/05/23
 Weather: 42° f cloudy

Totalizer: 51955
 Total Pumped: 11736

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	No
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	1-11	GPM
Filter 1 Pressure @ arrival (In/Out)	17	1
Filter 2 Pressure @ arrival(In/Out)	20	2
Filters changed?	Yes	No
Filter 1 Pressure @ departure (In/Out)	8	6
Filter 2 Pressure @ departure(In/Out)	12	4.5
Carbon Drums		
Primary carbon drum integrity	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure	5.5	PSI
Primary removed for disposal?	Yes	No
Secondary carbon drum integrity	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure	4.5	PSI
Secondary rotated to primary?	Yes	No
Polishing carbon drum integrity	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure	2	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 ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	No
Spill evidence?	Yes	No
Electrical controls operational?	Yes	No
Heaters 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		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

Notes:

changed blue filters
 performed CE checks

NYSDEC - Gastown 126 East Niagara St

Technician: J. Paterson
 Date: 04/12/23
 Weather: 57°F Sunny

Totalizer: 59553.2 - 51955
 Total Pumped: 7598

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	No
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	0.99	GPM
Filter 1 Pressure @ arrival (In/Out)	14	2
Filter 2 Pressure @ arrival (In/Out)	17	3
Filters changed?	Yes	No
Filter 1 Pressure @ departure (In/Out)	9	7
Filter 2 Pressure @ departure (In/Out)	12.5	7.5
Carbon Drums		
Primary carbon drum integrity	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure	6.5	PSI
Primary removed for disposal?	Yes	No
Secondary carbon drum integrity	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure	5.5	PSI
Secondary rotated to primary?	Yes	No
Polishing carbon drum integrity	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure	NA	PSI
Polishing rotated to secondary?	Yes	No
New carbon polishing drum?	Yes	No

Notes: C3 still on bypass

Flow rate @ 0.0 gpm upon arrival due to high pressures in blue filters. Took down pressures and shut system off to 2 blues. Recorded new.

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 ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	No
Spill evidence?	Yes	No
Electrical controls operational?	Yes	No
Heaters 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		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

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 04/18/23
 Weather: 39°F, cloudy scattered showers

Totalizer: 66791.2
 Total Pumped: 7,238

System Status (Arrival): Up Down

System Status (Departure): Up Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	<u>0.93</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>18</u>	<u>6.5</u>
Filter 2 Pressure @ arrival (In/Out)	<u>21</u>	<u>7.5</u>
Filters changed?	Yes	No
Filter 1 Pressure @ departure (In/Out)	<u>14.5</u>	<u>9.5</u>
Filter 2 Pressure @ departure (In/Out)	<u>15</u>	<u>10.5</u>
Carbon Drums <u>12.5</u>		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	<u>10.5</u>	PSI
Primary removed for disposal?	Yes	No
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	<u>5.5</u>	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	<u>Yes</u>	<u>No</u>
Polishing carbon drum pressure	<u>NA</u>	PSI
Polishing rotated to secondary?	Yes	<u>No</u>
New carbon polishing drum?	Yes	<u>No</u>

NA

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
Sampling		
Sampling performed?	Yes	<u>No</u>
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
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

Notes: C3 still on bypass

Flow rate 0.0 gpm upon arrival → psi too high for blues

Switched out cartridges in big blues

Flow rate returned

Primary drum pressure is high → reduced flow rate and bleed air from drum. Came back down to 6.5 psi

After reducing flow rate the psi on big blues also went down

NYSDEC - Gastown 126 East Niagara St

Technician: J PATERSON
 Date: 04/26/23 - 04/28/23
 Weather: 41°F Cloudy

Totalizer: 68706.2
 Total Pumped: 1915

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☐ Up ☒ Down

Oil Water Separator		
High level shut-off operational?	<u>(Yes)</u>	No
Red warning light operational?	<u>(Yes)</u>	No
Separator vessel integrity	<u>(Good)</u>	Poor
Leaks present?	Yes	<u>(No)</u>
Separator cover and seal integrity	<u>(Good)</u>	Poor
Decant valve integrity	<u>(Good)</u>	Poor
LNAPL in separator?	Yes	<u>(No)</u>
Separator needs cleaning?	Yes	<u>(No)</u>
Separator cleaned?	Yes	<u>(No)</u>
Transfer Pump and Piping		
Pump operational?	<u>(Yes)</u>	No
Pump integrity	<u>(Good)</u>	Poor
Flow meter operational?	<u>(Yes)</u>	No
Transfer pump flow rate	<u>0.50</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>16</u>	<u>7</u>
Filter 2 Pressure @ arrival(In/Out)	<u>19</u>	<u>8</u>
Filters changed?	<u>(Yes)</u>	No
Filter 1 Pressure @ departure (In/Out)	<u>10</u>	<u>8</u>
Filter 2 Pressure @ departure(In/Out)	<u>14</u>	<u>9</u>
Carbon Drums		
Primary carbon drum integrity	<u>(Good)</u>	Poor
Primary carbon drum leaks?	Yes	<u>(No)</u>
Primary carbon drum pressure	<u>8</u>	PSI
Primary removed for disposal?	Yes	<u>(No)</u>
Secondary carbon drum integrity	<u>(Good)</u>	Poor
Secondary carbon drum leaks?	Yes	<u>(No)</u>
Secondary carbon drum pressure	<u>7</u>	PSI
Secondary rotated to primary?	Yes	<u>(No)</u>
Polishing carbon drum integrity	<u>(Good)</u>	Poor
Polishing carbon drum leaks?	<u>(Yes)</u>	No
Polishing carbon drum pressure		PSI
Polishing rotated to secondary?	Yes	No
New carbon polishing drum?	Yes	No

Discharge Piping		
Pipe integrity in shed	<u>(Good)</u>	Poor
Pipe integrity at catch basin	<u>(Good)</u>	Poor
Pipe at catch basin clear?	<u>(Yes)</u>	No
Pipe integrity at creek	<u>(Good)</u>	Poor
Pipe at creek clear?	<u>(Yes)</u>	No
Miscellaneous		
Shed integrity	<u>(Good)</u>	Poor
Shed ventilation acceptable?	<u>(Yes)</u>	No
Repairs/work needed?	Yes	<u>(No)</u>
Spill evidence?	Yes	<u>(No)</u>
Electrical controls operational?	<u>(Yes)</u>	No
Heaters operational?	<u>(Yes)</u>	No
Vault integrity	<u>(Good)</u>	Poor
Repairs needed to vault?	Yes	<u>(No)</u>
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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>(Yes)</u>	No
Vac at sump enclosure?	<u>(Yes)</u>	No

Notes: C3 on bypass

Reduced flow rate as much as possible. Pressure on C drums high. Called PM for guidance. Turned system off. Bleached Carbon drums. Will let sit at least 24 hrs.

04/28/23

Connected C1 and C2. Turned system back on. No apparent leaks. Reduced pressure in C's and blues → bleach effective.
 C1 = 4 C2 = 3

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 05/03/23
 Weather: 37°F cloudy, rainy

Totalizer: 76329
 Total Pumped: 7623

System Status (Arrival): Up Down

System Status (Departure): Up Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	No
Separator cover and seal integrity	Good	Poor
Decant valve integrity	Good	Poor
LNAPL in separator?	Yes	No
Separator needs cleaning?	Yes	No
Separator cleaned?	Yes	No
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	1.2	GPM
Filter 1 Pressure @ arrival (In/Out)	7.5	3
Filter 2 Pressure @ arrival (In/Out)	11	4
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure (In/Out)		
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	3	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	2.5	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure		PSI
Polishing rotated to secondary?	Yes	No
New carbon polishing drum?	Yes	No

Notes:

C2 is leaking a bit to one side
 C3 still on bypass

I have scheduled a day w/ MR to rotate C's

cleaned lower float (low-level) w/ wire brush. Upon pushing it down
 it effectively shut system off = operational. ~~walked~~
 walked system + site. All good.

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 05/11/23
 Weather: 55°F Partly Sunny

Totalizer: 84663
 Total Pumped: 8334

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	No
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	1.36	GPM
Filter 1 Pressure @ arrival (In/Out)	9	3
Filter 2 Pressure @ arrival(In/Out)	12.5	3.5
Filters changed?	Yes	No
Filter 1 Pressure @ departure (In/		
Filter 2 Pressure @ departure(In/		
Carbon Drums		
Primary carbon drum integrity	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure	NO	PSI
Primary removed for disposal?	Yes	No
Secondary carbon drum integrity	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure	1.5	PSI
Secondary rotated to primary?	Yes	No
Polishing carbon drum integrity	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure	NA	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 ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	No
Spill evidence?	Yes	No
Electrical controls operational?	Yes	No
Heaters 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		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

Notes: New C3 polishing drum on bypass for ≥ 24 hrs to hydrate
 Leak on old C3/new C2 fixed w/ JB weld

Primary removed for disposal \rightarrow need to address T+D, too many
 Spent C drums on-site
 Need to schedule a sampling event \rightarrow talk to Glen

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson
 Date: 05/17/23
 Weather: 46° F Sunny, Breezy

Totalizer: 88345
 Total Pumped: 3,682

System Status (Arrival): ☒ Up ☐ Down

System Status (Departure): ☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Red warning light operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Separator vessel integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Leaks present?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Decant valve integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
LNAPL in separator?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cleaned?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input type="radio"/> Yes	<input type="radio"/> No
Pump integrity	<input type="radio"/> Good	<input type="radio"/> Poor
Flow meter operational?	<input type="radio"/> Yes	<input type="radio"/> No
Transfer pump flow rate	<u>1.2</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>10</u>	<u>2</u>
Filter 2 Pressure @ arrival (In/Out)	<u>13</u>	<u>2.5</u>
Filters changed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure (In/Out)		
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Primary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	<u>3</u>	PSI
Primary removed for disposal?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Secondary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	<u>2</u>	PSI
Secondary rotated to primary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Polishing carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum pressure	<u>1.5</u>	PSI
Polishing rotated to secondary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
New carbon polishing drum?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

Notes: Reconnected C3 as polishing drum
Checked for leaks. All good

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pipe integrity at creek	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Repairs/work needed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Spill evidence?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Heaters operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vault integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Repairs needed to vault?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sampling		
Sampling performed?	<input type="radio"/> Yes	<input type="radio"/> No
Sampling event	<u>Mnthly</u>	<u>Qtrly</u>
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?	<input type="radio"/> Yes	<input type="radio"/> No
Drums in storage unit?	<input type="radio"/> Yes	<input type="radio"/> No
Club Vent System		
Fan Running?	<input type="radio"/> Yes	<input type="radio"/> No
Vac at sump enclosure?	<input type="radio"/> Yes	<input type="radio"/> No

NYSDEC - Gastown 126 East Niagara St

Technician: J. Paterson
 Date: 05/22/23
 Weather: 60°F Sunny, Hazy

Totalizer: 91408
 Total Pumped: 2063

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Red warning light operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Separator vessel integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Leaks present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Decant valve integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
LNAPL in separator?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Separator needs cleaning?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Separator cleaned?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pump integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Transfer pump flow rate	1.10	GPM
Filter 1 Pressure @ arrival (In/Out)	11	3
Filter 2 Pressure @ arrival(In/Out)	15	3
Filters changed?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Filter 1 Pressure @ departure (In/Out)	5	3
Filter 2 Pressure @ departure(In/Out)	9	35
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Primary carbon drum leaks?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Primary carbon drum pressure	2.5	PSI
Primary removed for disposal?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Secondary carbon drum leaks?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Secondary carbon drum pressure	1	PSI
Secondary rotated to primary?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Polishing carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Polishing carbon drum leaks?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Polishing carbon drum pressure	0.5	PSI
Polishing rotated to secondary?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
New carbon polishing drum?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

Notes:

Carbons look good, maintaining low psi
 Changed blue filters

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pipe integrity at creek	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Repairs/work needed?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Spill evidence?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Heaters operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vault integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Repairs needed to vault?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Sampling		
Sampling performed?	<input checked="" type="radio"/> Yes	<input type="radio"/> 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?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Drums in storage unit?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vac at sump enclosure?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 05/30/23
 Weather: 60°F Sunny

Totalizer: 94521
 Total Pumped: 3113

System Status (Arrival): Up Down

System Status (Departure): Up Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	1.11	GPM
Filter 1 Pressure @ arrival (In/Out)	5	3
Filter 2 Pressure @ arrival (In/Out)	11.9 9	3.5
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In/Out)	-	-
Filter 2 Pressure @ departure (In/Out)	-	-
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	2.5	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	1.25	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	<u>No</u>
Polishing carbon drum pressure	1	PSI
Polishing rotated to secondary?	Yes	<u>No</u>
New carbon polishing drum?	Yes	<u>No</u>

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

Notes:

turned heaters off in control panel (2 breakers)
 walked system → looks good
 last frost date has passed, weather looks hot moving fwd
 cleaned low float w/ wire brush

NYSDEC - Gastown 126 East Niagara St

Technician: Jess Porterson
 Date: 06/07/23
 Weather: 66°F Smoky sunny

Totalizer: 96957
 Total Pumped: 2,436

System Status (Arrival): ☒ Up ☐ Down

System Status (Departure): ☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Red warning light operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Separator vessel integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Leaks present?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Decant valve integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
LNAPL in separator?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cleaned?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pump integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Transfer pump flow rate	<u>1.27</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>5</u>	<u>2</u>
Filter 2 Pressure @ arrival (In/Out)	<u>8</u>	<u>2.5</u>
Filters changed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure (In/Out)		
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Primary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	<u>2</u>	PSI
Primary removed for disposal?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Secondary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	<u>1</u>	PSI
Secondary rotated to primary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Polishing carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum pressure	<u>1</u>	PSI
Polishing rotated to secondary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
New carbon polishing drum?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pipe integrity at creek	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Repairs/work needed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Spill evidence?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Heaters operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vault integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Repairs needed to vault?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sampling		
Sampling performed?	<input type="radio"/> Yes	<input type="radio"/> No
Sampling event	<u>Mnthly</u>	<u>Qtrly</u>
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?	<input type="radio"/> Yes	<input type="radio"/> No
Drums in storage unit?	<input type="radio"/> Yes	<input type="radio"/> No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vac at sump enclosure?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

Notes:

PSI on blues + C's good

Low rain

Vault good

Adjusted flow rate down very slightly (was 1.48)

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 06/14/23
 Weather: 62°F, cloudy scattered showers

Totalizer: 100057
 Total Pumped: 3,100

System Status (Arrival):

<input checked="" type="radio"/> Up	<input type="radio"/> Down
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System Status (Departure):

<input type="radio"/> Up	<input type="radio"/> Down
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Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Red warning light operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Separator vessel integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Leaks present?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Decant valve integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
LNAPL in separator?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cleaned?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pump integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Transfer pump flow rate	1.40	GPM
Filter 1 Pressure @ arrival (In/Out)	5	2
Filter 2 Pressure @ arrival(In/Out)	8.5	2.5
Filters changed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Filter 1 Pressure @ departure (In/Out)	-	-
Filter 2 Pressure @ departure(In/Out)	-	-
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Primary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	2	PSI
Primary removed for disposal?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Secondary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	1	PSI
Secondary rotated to primary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Polishing carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum pressure	1	PSI
Polishing rotated to secondary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
New carbon polishing drum?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

Notes:

cleaned out sludg

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pipe integrity at creek	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Repairs/work needed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Spill evidence?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Heaters operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vault integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Repairs needed to vault?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sampling		
Sampling performed?	<input type="radio"/> Yes	<input type="radio"/> 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?	<input type="radio"/> Yes	<input type="radio"/> No
Drums in storage unit?	<input type="radio"/> Yes	<input type="radio"/> No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vac at sump enclosure?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

checked in on sportsmen's club → all good.

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 06/21/23
 Weather: 80°F Sunny

Totalizer: 102,308
 Total Pumped: 2,251

System Status (Arrival): Up Down

System Status (Departure): Up Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	<u>1.10</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>5</u>	<u>1</u>
Filter 2 Pressure @ arrival (In/Out)	<u>8.5</u>	<u>2</u>
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In/Out)	-	-
Filter 2 Pressure @ departure (In/Out)	-	-
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	<u>1.5</u>	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	<u>1</u>	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	<u>No</u>
Polishing carbon drum pressure	<u>0.5</u>	PSI
Polishing rotated to secondary?	Yes	<u>No</u>
New carbon polishing drum?	Yes	<u>No</u>

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
Sampling		
Sampling performed?	Yes	<u>No</u>
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
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

Notes:

Pressure on filters and drums look good

Discharge clear

Vault good

NYSDEC - Gastown 126 East Niagara St

Technician: J. Paterson
 Date: 06/28/23
 Weather: 66°F HAZY

Totalizer: 108375
 Total Pumped: 6,067

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Red warning light operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Separator vessel integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Leaks present?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Decant valve integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
LNAPL in separator?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cleaned?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pump integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Transfer pump flow rate	<u>1.31</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>9</u>	<u>2</u>
Filter 2 Pressure @ arrival(In/Out)	<u>13</u>	<u>3</u>
Filters changed?	<input type="radio"/> Yes	<input type="radio"/> No
Filter 1 Pressure @ departure (In/	<u>6</u>	<u>4</u>
Filter 2 Pressure @ departure(In/	<u>10</u>	<u>5</u>
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Primary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	<u>4</u>	PSI
Primary removed for disposal?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Secondary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	<u>2.5</u>	PSI
Secondary rotated to primary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Polishing carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum pressure	<u>2.5</u>	PSI
Polishing rotated to secondary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
New carbon polishing drum?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

Notes:

changed blue filters

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pipe integrity at creek	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Repairs/work needed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Spill evidence?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Heaters operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vault integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Repairs needed to vault?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sampling		
Sampling performed?	<input type="radio"/> Yes	<input type="radio"/> No
Sampling event	<u>Mnthly</u>	<u>Qtrly</u>
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?	<input type="radio"/> Yes	<input type="radio"/> No
Drums in storage unit?	<input type="radio"/> Yes	<input type="radio"/> No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vac at sump enclosure?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson

Totalizer: 115951

Date: 07/06/28

Total Pumped: 7,574

Weather: 84°F Sunny / Partly cloudy

System Status (Arrival):

<u>Up</u>	Down
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System Status (Departure):

<u>Up</u>	Down
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Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	1.11	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>9.10</u>	<u>9.3</u>
Filter 2 Pressure @ arrival (In/Out)	13	3.5
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In/Out)	—	
Filter 2 Pressure @ departure (In/Out)	—	
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	2.5	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	1	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	<u>No</u>
Polishing carbon drum pressure	0.5	PSI
Polishing rotated to secondary?	Yes	<u>No</u>
New carbon polishing drum?	Yes	<u>No</u>

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

Notes:

Walked system, all looks good
checked vault/clubhouse

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 07/12/23
 Weather: 69°F Cloudy

Totalizer: 118774
 Total Pumped: 2823

System Status (Arrival): Up Down

System Status (Departure): Up Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	1.27	GPM
Filter 1 Pressure @ arrival (In/Out)	8	2
Filter 2 Pressure @ arrival (In/Out)	11.5	2.5
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In/Out)	-	-
Filter 2 Pressure @ departure (In/Out)	-	-
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	2	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	1	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	<u>No</u>
Polishing carbon drum pressure	0.5	PSI
Polishing rotated to secondary?	Yes	<u>No</u>
New carbon polishing drum?	Yes	<u>No</u>

Notes:

Sampling will be performed next visit

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	<u>Yes</u>	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 07/20/23
 Weather: 80°F Partly sunny / sunny

Totalizer: 124939
 Total Pumped: 6165

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	No
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	1.14	GPM
Filter 1 Pressure @ arrival (In/Ou)	11	2
Filter 2 Pressure @ arrival (In/Ou)	14	2-5
Filters changed?	Yes	No
Filter 1 Pressure @ departure (In)	6	4
Filter 2 Pressure @ departure (In)	10	4-5
Carbon Drums		
Primary carbon drum integrity	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure	3.5	PSI
Primary removed for disposal?	Yes	No
Secondary carbon drum integrity	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure	1	PSI
Secondary rotated to primary?	Yes	No
Polishing carbon drum integrity	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure	0.5	PSI
Polishing 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 ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	No
Spill evidence?	Yes	No
Electrical controls operational?	Yes	No
Heaters 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		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

Notes:

changed blue filters
 made list of supplies for next week to remove weeds and
 perform sampling
 vault good

NYSDEC - Gastown 126 East Niagara St

Technician: J. Paterson
 Date: 07/26/23
 Weather: 82°F Sunny

Totalizer: 132343
 Total Pumped: 7,404

System Status (Arrival): ☒ Up ☐ Down

System Status (Departure): ☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	No
Red warning light operational?	<input checked="" type="radio"/> Yes	No
Separator vessel integrity	<input checked="" type="radio"/> Good	Poor
Leaks present?	Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	Poor
Decant valve integrity	<input checked="" type="radio"/> Good	Poor
LNAPL in separator?	Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	Yes	<input checked="" type="radio"/> No
Separator cleaned?	Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	No
Pump integrity	<input checked="" type="radio"/> Good	Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	No
Transfer pump flow rate	1.16	GPM
Filter 1 Pressure @ arrival (In/Ou)	11.5	3.5
Filter 2 Pressure @ arrival (In/Ou)	15	4
Filters changed?	<input checked="" type="radio"/> Yes	No
Filter 1 Pressure @ departure (In)	7	4.5
Filter 2 Pressure @ departure (In)	10	5.5
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	Poor
Primary carbon drum leaks?	Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	3.5	PSI
Primary removed for disposal?	Yes	<input checked="" type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	Poor
Secondary carbon drum leaks?	Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	1	PSI
Secondary rotated to primary?	Yes	<input checked="" type="radio"/> No
Polishing carbon drum integrity	<input checked="" type="radio"/> Good	Poor
Polishing carbon drum leaks?	Yes	<input checked="" type="radio"/> No
Polishing carbon drum pressure	0.5	PSI
Polishing rotated to secondary?	Yes	No
New carbon polishing drum?	Yes	<input checked="" type="radio"/> No

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	No
Pipe integrity at creek	<input checked="" type="radio"/> Good	Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	No
Repairs/work needed?	Yes	<input checked="" type="radio"/> No
Spill evidence?	Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	No
Heaters operational?	<input checked="" type="radio"/> Yes	No
Vault integrity	<input checked="" type="radio"/> Good	Poor
Repairs needed to vault?	Yes	<input checked="" type="radio"/> No
Sampling		
Sampling performed?	<input checked="" type="radio"/> Yes	No
Sampling event	<input checked="" type="radio"/> Monthly	<input checked="" type="radio"/> Qtrly
Post Carbon 3 sampled @	NA	NA
Post Carbon 2 sampled @	1335	
Post Carbon 1 sampled @	NA	NA
Pre Carbon sampled @	1340	
Inside/Outside Sump sampled @	1350	
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
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	No
Vac at sump enclosure?	<input checked="" type="radio"/> Yes	No

WASTE
+
MONTHLY
SYSTEM

Notes:

Changed blue filters

After Δ blue filters
the PSI went up
to 4.5

during sampling of pre-
carbon, some air was
released from sampling port
which lowered the psi slightly

Spent Carbon Drums
Sampled @ 13415

Spent Carbon Drums & Product drum
Sampled @ 1435

NYSDEC - Gastown 126 East Niagara St

Technician: J. Paterson
 Date: 07/31/23
 Weather: 71°F Sunny / Partly cloudy

Totalizer: 139804
 Total Pumped: 7,461

System Status (Arrival): Up Down

System Status (Departure): Up Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	<u>1.14</u>	GPM
Filter 1 Pressure @ arrival (In/Ou)	<u>11.5</u>	<u>5</u>
Filter 2 Pressure @ arrival (In/Ou)	<u>15</u>	<u>6</u>
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In/Ou)		
Filter 2 Pressure @ departure (In/Ou)		
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	<u>5</u>	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	<u>1</u>	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	<u>No</u>
Polishing carbon drum pressure	<u>0.5</u>	PSI
Polishing rotated to secondary?	Yes	No
New carbon polishing drum?	Yes	<u>No</u>

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

Notes:

Blue Filter pressures a little high but effluent pressure hasn't dropped so it could be back pressure from C1 → will speak w/ MR & TP about it.
 Did not change filters.

Spoke to TP and agreed that bleaching primary carbon drum would be a good first step

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson
 Date: 08/09/23
 Weather: 78°F mostly sunny

Totalizer: 148243
 Total Pumped: 8439

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	<u>1.42</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>16</u>	<u>4</u>
Filter 2 Pressure @ arrival (In/Out)	<u>19</u>	<u>4.5</u>
Filters changed?	<u>Yes</u>	No
Filter 1 Pressure @ departure (In/Out)	<u>5</u>	<u>3</u>
Filter 2 Pressure @ departure (In/Out)	<u>9</u>	<u>3.5</u>
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	<u>NA</u>	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	<u>2</u>	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	<u>No</u>
Polishing carbon drum pressure	<u>2</u>	PSI
Polishing rotated to secondary?	Yes	<u>No</u>
New carbon polishing drum?	Yes	<u>No</u>

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

Notes:

Put CI on bypass to let bleach sit for 24-48 hrs
 changed blue filters

NYSDEC - Gastown 126 East Niagara St

Technician: Jess Paterson
 Date: 8/17/23
 Weather: 78°F overcast

Totalizer: 156053
 Total Pumped: 7810

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	<u>1.25</u>	GPM
Filter 1 Pressure @ arrival (In/Ou)	<u>5</u>	<u>2</u>
Filter 2 Pressure @ arrival (In/Ou)	<u>8.5</u>	<u>2.5</u>
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In)		
Filter 2 Pressure @ departure (In)		
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	<u>2</u>	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	<u>1</u>	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	<u>No</u>
Polishing carbon drum pressure	<u>1</u>	PSI
Polishing rotated to secondary?	Yes	<u>No</u>
New carbon polishing drum?	Yes	<u>No</u>

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

Notes:

Bleach treatment was effective
 Performed critical equipment checks

NYSDEC - Gastown 126 East Niagara St

Technician: B. Delaney
 Date: 8/23/2003
 Weather: Raining 63°F

Totalizer: 159428
 Total Pumped: 3375

System Status (Arrival): ☒ Up ☐ Down

System Status (Departure): ☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Red warning light operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Separator vessel integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Leaks present?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Decant valve integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
LNAPL in separator?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cleaned?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pump integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Transfer pump flow rate	<u>1.392</u>	GPM
Filter 1 Pressure @ arrival (In/Ou)	<u>85.0</u>	<u>2.0</u>
Filter 2 Pressure @ arrival (In/Ou)	<u>8.5</u>	<u>2.5</u>
Filters changed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Filter 1 Pressure @ departure (In)		
Filter 2 Pressure @ departure (In)		
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Primary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	<u>2</u>	PSI
Primary removed for disposal?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Secondary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	<u>1</u>	PSI
Secondary rotated to primary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Polishing carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum pressure	<u>1</u>	PSI
Polishing rotated to secondary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
New carbon polishing drum?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

Notes:

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pipe integrity at creek	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Repairs/work needed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Spill evidence?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Heaters operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vault integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Repairs needed to vault?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sampling		
Sampling performed?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Sampling event	<input checked="" type="radio"/> Mnthly	<input type="radio"/> Qtrly
Post Carbon 3 sampled @		
Post Carbon 2 sampled @	<u>0925</u>	
Post Carbon 1 sampled @		
Pre Carbon sampled @	<u>0930</u>	
Inside/Outside Sump sampled @	<u>0940</u>	
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?	<input type="radio"/> Yes	<input type="radio"/> No
Drums in storage unit?	<input type="radio"/> Yes	<input type="radio"/> No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vac at sump enclosure?	<input type="radio"/> Yes	<input type="radio"/> No

NA

NA

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON

Date: 08/31/23

Weather: 66°F Sunny

Totalizer: 166271

Total Pumped: 6843

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Red warning light operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Separator vessel integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Leaks present?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Decant valve integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
LNAPL in separator?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cleaned?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pump integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Transfer pump flow rate	<u>1.32</u>	GPM
Filter 1 Pressure @ arrival (In/Ou)	<u>7</u>	<u>3</u>
Filter 2 Pressure @ arrival (In/Ou)	<u>11</u>	<u>3</u>
Filters changed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Filter 1 Pressure @ departure (In)		
Filter 2 Pressure @ departure (In)		
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Primary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	<u>2.5</u>	PSI
Primary removed for disposal?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Secondary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	<u>1</u>	PSI
Secondary rotated to primary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Polishing carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum pressure	<u>1</u>	PSI
Polishing rotated to secondary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
New carbon polishing drum?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

Notes:

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pipe integrity at creek	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Repairs/work needed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Spill evidence?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Heaters operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vault integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Repairs needed to vault?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sampling		
Sampling performed?	<input type="radio"/> Yes	<input type="radio"/> No
Sampling event	<u>Mnthly</u>	<u>Qtrly</u>
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?	<input type="radio"/> Yes	<input type="radio"/> No
Drums in storage unit?	<input type="radio"/> Yes	<input type="radio"/> No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vac at sump enclosure?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 09/07/23
 Weather: 80°F Sunny/Partly cloudy

Totalizer: 169776
 Total Pumped: 3505

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	No
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	1.24	GPM
Filter 1 Pressure @ arrival (In/Ou)	9	2.5
Filter 2 Pressure @ arrival (In/Ou)	12	3
Filters changed?	Yes	No
Filter 1 Pressure @ departure (In)	5	2.5
Filter 2 Pressure @ departure (In)	8.5	3.5
Carbon Drums		
Primary carbon drum integrity	Good	Poor
Primary carbon drum leaks?	Yes	No
Primary carbon drum pressure	2.5	PSI
Primary removed for disposal?	Yes	No
Secondary carbon drum integrity	Good	Poor
Secondary carbon drum leaks?	Yes	No
Secondary carbon drum pressure	1	PSI
Secondary rotated to primary?	Yes	No
Polishing carbon drum integrity	Good	Poor
Polishing carbon drum leaks?	Yes	No
Polishing carbon drum pressure	1	PSI
Polishing rotated to secondary?	Yes	No
New carbon polishing drum?	Yes	No

Notes:

changed blue filters.
 walked system - running well

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 ventilation acceptable?	Yes	No
Repairs/work needed?	Yes	No
Spill evidence?	Yes	No
Electrical controls operational?	Yes	No
Heaters 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		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

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 09/13/23
 Weather: 66°F Cloudy / Partly Sunny

Totalizer: 174309
 Total Pumped: 4533

System Status (Arrival): Up Down

System Status (Departure): Up Down

Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	<u>Yes</u>	No
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	1.13	GPM
Filter 1 Pressure @ arrival (In/Ou)	5	2.5
Filter 2 Pressure @ arrival(In/Ou)	7	3
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In)		
Filter 2 Pressure @ departure(In)		
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	2.5	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	1	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	<u>No</u>
Polishing carbon drum pressure	1	PSI
Polishing rotated to secondary?	Yes	<u>No</u>
New carbon polishing drum?	Yes	<u>No</u>

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	Yes	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

Notes:

Added a chlorine tank to R side of OW

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 9/20/23
 Weather: 66°F Sunny

Totalizer: 177190
 Total Pumped: 2881

System Status (Arrival): ☒ Up ☐ Down

System Status (Departure): ☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Red warning light operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Separator vessel integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Leaks present?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Decant valve integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
LNAPL in separator?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cleaned?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pump integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Transfer pump flow rate	<u>1.19</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>6</u>	<u>3</u>
Filter 2 Pressure @ arrival (In/Out)	<u>9</u>	<u>4</u>
Filters changed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Filter 1 Pressure @ departure (In/Out)	<u>-</u>	<u>-</u>
Filter 2 Pressure @ departure (In/Out)	<u>-</u>	<u>-</u>
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Primary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	<u>3</u>	PSI
Primary removed for disposal?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Secondary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	<u>1</u>	PSI
Secondary rotated to primary?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Polishing carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Polishing carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum pressure	<u>1</u>	PSI
Polishing rotated to secondary?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
New carbon polishing drum?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pipe integrity at creek	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Repairs/work needed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Spill evidence?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Heaters operational?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Vault integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Repairs needed to vault?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sampling		
Sampling performed?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Sampling event	<input checked="" type="radio"/> Monthly	<input type="radio"/> Qtrly
Post Carbon 2 sampled @	<u>1500</u>	
Post Carbon 1 sampled @	<u>1500</u>	
Pre Carbon sampled @	<u>1510</u>	
Inside/Outside Sump sampled @	<u>1520</u>	
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?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Drums in storage unit?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vac at sump enclosure?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

Notes:

#	C Drum Pressures	
1	<u>3</u>	<u>2</u>
2	<u>1</u>	<u>1.5</u>
3	<u>1</u>	<u>X bypass</u>
	<u>old</u>	<u>new</u>

Drum pu should be next week
 Decanted product drum
 Swapped carbon drums
 Sampled 8260 standard

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 09/25/23
 Weather: 63°F Partly cloudy

Totalizer: 178027
 Total Pumped: 837

System Status (Arrival): ☒ Up ☐ Down

System Status (Departure): ☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Red warning light operational?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Separator vessel integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Leaks present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Separator cover and seal integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Decant valve integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
LNAPL in separator?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Separator needs cleaning?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Separator cleaned?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Pump integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Flow meter operational?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Transfer pump flow rate	<u>1.34</u>	GPM
Filter 1 Pressure @ arrival (In/Ou)	<u>4.5</u>	<u>1.5</u>
Filter 2 Pressure @ arrival (In/Ou)	<u>8</u>	<u>2</u>
Filters changed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Filter 1 Pressure @ departure (In)	<u>—</u>	<u>—</u>
Filter 2 Pressure @ departure (In)	<u>—</u>	<u>—</u>
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Primary carbon drum leaks?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Primary carbon drum pressure	<u>1.5</u>	PSI
Primary removed for disposal?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Secondary carbon drum integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Secondary carbon drum leaks?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Secondary carbon drum pressure	<u>1</u>	PSI
Secondary rotated to primary?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Polishing carbon drum integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Polishing carbon drum leaks?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Polishing carbon drum pressure	<u>1</u>	PSI
Polishing rotated to secondary?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
New carbon polishing drum?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Notes:

pinhole on influent C3, small bubble as system is pumping - fixed w/ JB weld

ESG T&D of 7 spent C drums, 1 PPE drum, 1 product/water drum

Discharge Piping		
Pipe integrity in shed	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Pipe integrity at catch basin	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Pipe at catch basin clear?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Pipe integrity at creek	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Pipe at creek clear?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Miscellaneous		
Shed integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Shed ventilation acceptable?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Repairs/work needed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Spill evidence?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Electrical controls operational?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Heaters operational?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Vault integrity	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Poor
Repairs needed to vault?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Sampling		
Sampling performed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Sampling event	<u>Mnthly</u>	<u>Qtrly</u>
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?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Drums in storage unit?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Club Vent System		
Fan Running?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Vac at sump enclosure?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON

Totalizer: 179672

Date: 10/04/23

Total Pumped: 1045

Weather: 84°F Sunny

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	No
Red warning light operational?	<input checked="" type="radio"/> Yes	No
Separator vessel integrity	<input checked="" type="radio"/> Good	Poor
Leaks present?	Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	Poor
Decant valve integrity	<input checked="" type="radio"/> Good	Poor
LNAPL in separator?	Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	Yes	<input checked="" type="radio"/> No
Separator cleaned?	Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	No
Pump integrity	<input checked="" type="radio"/> Good	Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	No
Transfer pump flow rate	1.38	GPM
Filter 1 Pressure @ arrival (In/Out)	5	1.5
Filter 2 Pressure @ arrival(In/Out)	7	2
Filters changed?	Yes	<input checked="" type="radio"/> No
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure(In/Out)		
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	Poor
Primary carbon drum leaks?	Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	1.5	PSI
Primary removed for disposal?	Yes	<input checked="" type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	Poor
Secondary carbon drum leaks?	Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	1	PSI
Secondary rotated to primary?	Yes	<input checked="" type="radio"/> No
Polishing carbon drum integrity	<input checked="" type="radio"/> Good	Poor
Polishing carbon drum leaks?	Yes	<input checked="" type="radio"/> No
Polishing carbon drum pressure	1	PSI
Polishing rotated to secondary?	Yes	<input checked="" type="radio"/> No
New carbon polishing drum?	Yes	<input checked="" type="radio"/> No

Notes:

All pressures look good
walked system ✓
Not a lot of rain

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	No
Pipe integrity at creek	<input checked="" type="radio"/> Good	Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	No
Repairs/work needed?	Yes	<input checked="" type="radio"/> No
Spill evidence?	Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	No
Heaters operational?	Yes	No
Vault integrity	<input checked="" type="radio"/> Good	Poor
Repairs needed to vault?	Yes	<input checked="" type="radio"/> 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		Drums
PPE/Solids drums onsite		Drums
Drums labeled?	Yes	No
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	No
Vac at sump enclosure?	<input checked="" type="radio"/> Yes	No

NA

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON

Date: 10/11/23

Weather: 57° F cloudy

Totalizer: 180723

Total Pumped: ~~1800~~ 1,651

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Red warning light operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Separator vessel integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Leaks present?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Decant valve integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
LNAPL in separator?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cleaned?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pump integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Transfer pump flow rate	1.20	GPM
Filter 1 Pressure @ arrival (In/Out)	5	1.5
Filter 2 Pressure @ arrival (In/Out)	9	2.5
Filters changed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Filter 1 Pressure @ departure (In/Out)	-	-
Filter 2 Pressure @ departure (In/Out)	-	-
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Primary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	1.5	PSI
Primary removed for disposal?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Secondary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	1	PSI
Secondary rotated to primary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Polishing carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum pressure	1	PSI
Polishing rotated to secondary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
New carbon polishing drum?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pipe integrity at creek	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Repairs/work needed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Spill evidence?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Heaters operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vault integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Repairs needed to vault?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sampling		
Sampling performed?	<input type="radio"/> Yes	<input type="radio"/> 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?	<input type="radio"/> Yes	<input type="radio"/> No
Drums in storage unit?	<input type="radio"/> Yes	<input type="radio"/> No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vac at sump enclosure?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

Notes:

Blue filters good for another week
Adjusted flow rate from 1.38 to 1.20
Vault looks good, fan running
Added chlorine tab to right side OWS

Turned on heaters (both XP & 2W shed)

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson
 Date: 10/17/23
 Weather: 57°F cloudy

Totalizer: 182213
 Total Pumped: 1490

System Status (Arrival):

<u>Up</u>	Down
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System Status (Departure):

<u>Up</u>	Down
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Oil Water Separator		
High level shut-off operational?	<u>Yes</u>	No
Red warning light operational?	<u>Yes</u>	No
Separator vessel integrity	<u>Good</u>	Poor
Leaks present?	Yes	<u>No</u>
Separator cover and seal integrity	<u>Good</u>	Poor
Decant valve integrity	<u>Good</u>	Poor
LNAPL in separator?	Yes	<u>No</u>
Separator needs cleaning?	Yes	<u>No</u>
Separator cleaned?	Yes	<u>No</u>
Transfer Pump and Piping		
Pump operational?	<u>Yes</u>	No
Pump integrity	<u>Good</u>	Poor
Flow meter operational?	<u>Yes</u>	No
Transfer pump flow rate	<u>1.32</u>	GPM
Filter 1 Pressure @ arrival (In/Out)	<u>5</u>	<u>2</u>
Filter 2 Pressure @ arrival(In/Out)	<u>9</u>	<u>2.5</u>
Filters changed?	Yes	<u>No</u>
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure(In/Out)		
Carbon Drums		
Primary carbon drum integrity	<u>Good</u>	Poor
Primary carbon drum leaks?	Yes	<u>No</u>
Primary carbon drum pressure	<u>2</u>	PSI
Primary removed for disposal?	Yes	<u>No</u>
Secondary carbon drum integrity	<u>Good</u>	Poor
Secondary carbon drum leaks?	Yes	<u>No</u>
Secondary carbon drum pressure	<u>1.5</u>	PSI
Secondary rotated to primary?	Yes	<u>No</u>
Polishing carbon drum integrity	<u>Good</u>	Poor
Polishing carbon drum leaks?	Yes	<u>No</u>
Polishing carbon drum pressure	<u>1</u>	PSI
Polishing rotated to secondary?	Yes	<u>No</u>
New carbon polishing drum?	Yes	<u>No</u>

Notes:

Discharge Piping		
Pipe integrity in shed	<u>Good</u>	Poor
Pipe integrity at catch basin	<u>Good</u>	Poor
Pipe at catch basin clear?	<u>Yes</u>	No
Pipe integrity at creek	<u>Good</u>	Poor
Pipe at creek clear?	<u>Yes</u>	No
Miscellaneous		
Shed integrity	<u>Good</u>	Poor
Shed ventilation acceptable?	<u>Yes</u>	No
Repairs/work needed?	Yes	<u>No</u>
Spill evidence?	Yes	<u>No</u>
Electrical controls operational?	<u>Yes</u>	No
Heaters operational?	<u>Yes</u>	No
Vault integrity	<u>Good</u>	Poor
Repairs needed to vault?	Yes	<u>No</u>
Sampling		
Sampling performed?	<u>Yes</u>	No
Sampling event	<u>Monthly</u>	Qtrly
Post Carbon 3 sampled @		
Post Carbon 2 sampled @	<u>1535</u>	<u>8260</u>
Post Carbon 1 sampled @		
Pre Carbon sampled @	<u>1540</u>	<u>8260</u>
Inside/Outside Sump sampled @	<u>1545</u>	<u>8260</u>
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
Drums in storage unit?	Yes	No
Club Vent System		
Fan Running?	<u>Yes</u>	No
Vac at sump enclosure?	<u>Yes</u>	No

NYSDEC - Gastown 126 East Niagara St

Technician: J. PATERSON
 Date: 10/26/23
 Weather: 69° F cloudy

Totalizer: 183932
 Total Pumped: 1719

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Oil Water Separator		
High level shut-off operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Red warning light operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Separator vessel integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Leaks present?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cover and seal integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Decant valve integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
LNAPL in separator?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator needs cleaning?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Separator cleaned?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Transfer Pump and Piping		
Pump operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pump integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Flow meter operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Transfer pump flow rate	<u>1.37</u>	<u>GPM</u>
Filter 1 Pressure @ arrival (In/Out)	<u>5.5</u>	<u>2</u>
Filter 2 Pressure @ arrival (In/Out)	<u>9</u>	<u>2.5</u>
Filters changed?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Filter 1 Pressure @ departure (In/Out)	<u>5</u>	<u>2.5</u>
Filter 2 Pressure @ departure (In/Out)	<u>8.5</u>	<u>3.5</u>
Carbon Drums		
Primary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Primary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Primary carbon drum pressure	<u>2</u>	<u>PSI</u>
Primary removed for disposal?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Secondary carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Secondary carbon drum pressure	<u>1</u>	<u>PSI</u>
Secondary rotated to primary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Polishing carbon drum leaks?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Polishing carbon drum pressure	<u>1</u>	<u>PSI</u>
Polishing rotated to secondary?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
New carbon polishing drum?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

Notes:

changed sediment filters
 completed freeze protection checklist

Discharge Piping		
Pipe integrity in shed	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe integrity at catch basin	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at catch basin clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pipe integrity at creek	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Pipe at creek clear?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Miscellaneous		
Shed integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Shed ventilation acceptable?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Repairs/work needed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Spill evidence?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Electrical controls operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Heaters operational?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vault integrity	<input checked="" type="radio"/> Good	<input type="radio"/> Poor
Repairs needed to vault?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sampling		
Sampling performed?	<input type="radio"/> Yes	<input type="radio"/> No
Sampling event	<input type="radio"/> Mnthly	<input type="radio"/> 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		<u>Gallons</u>
DNAPL / Water Recovery		<u>Gallons</u>
DNAPL drums onsite		<u>Drums</u>
Spent carbon drums onsite		<u>Drums</u>
PPE/Solids drums onsite		<u>Drums</u>
Drums labeled?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Drums in storage unit?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Club Vent System		
Fan Running?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Vac at sump enclosure?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson
Date: 11/03/2023
Weather: 51F sunny breezy

Totalizer: 188310
Total Pumped: 4378

System Status (Arrival): Up

Alarms: ; None

Oil Water Separator		
High level shut-off operational?	Yes	
Red warning light operational?	Yes	
Separator vessel integrity	Good	
Leaks present?	No	
Separator cover and seal integrity	Good	
Decant valve integrity	Good	
LNAPL in separator?	No	
Separator needs cleaning?	No	
Separator cleaned?	No	
Transfer Pump and Piping		
Pump operational?	Yes	
Pump integrity	Good	
Flow meter operational?	Yes	
Transfer pump flow rate	1.33	GPM
Filter 1 Pressure @ arrival (In/Out)	5	1.5
Filter 2 Pressure @ arrival(In/Out)	9	2
Filters changed?	No	
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure(In/Out)		
Carbon Drums		
Primary carbon drum integrity	Good	
Primary carbon drum leaks?	No	
Primary carbon drum pressure	2	PSI
Primary removed for disposal?	No	
Secondary carbon drum integrity	Good	
Secondary carbon drum leaks?	No	
Secondary carbon drum pressure	1	PSI
Secondary rotated to primary?	No	
Polishing carbon drum integrity	Good	
Polishing carbon drum leaks?	No	
Polishing carbon drum pressure	1	PSI
Polishing rotated to secondary?	No	
New carbon polishing drum?	No	

System Status (Departure): Up

Alarms: None

Discharge Piping		
Pipe integrity in shed	Good	
Pipe integrity at catch basin	Good	
Pipe at catch basin clear?	Yes	
Pipe integrity at creek	Good	
Pipe at creek clear?	Yes	
Miscellaneous		
Shed integrity	Good	
Shed ventillation acceptable?	Yes	
Repairs/work needed?	No	
Spill evidence?	No	
Electrical controls operational?	Yes	
Heaters operational?	Yes	
Vault integrity	Good	
Repairs needed to vault?	No	
Sampling		
Monthly sampling performed?	No	
Post Carbon 2 sampled @		
Pre Carbon sampled @		
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	1	Drums
Drums labeled?	Yes	
Drums in storage unit?	Yes	
Club Vent System		
Fan Running?	Yes	
Vac at sump enclosure?	Yes	

Notes: Walked system, all looks good

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson
Date: 11/10/2023
Weather: 51F cloudy

Totalizer: 191957
Total Pumped: 3647

System Status (Arrival): Up

Alarms: ; None

Oil Water Separator		
High level shut-off operational?	Yes	
Red warning light operational?	Yes	
Separator vessel integrity	Good	
Leaks present?	No	
Separator cover and seal integrity	Good	
Decant valve integrity	Good	
LNAPL in separator?	No	
Separator needs cleaning?	No	
Separator cleaned?	No	
Transfer Pump and Piping		
Pump operational?	Yes	
Pump integrity	Good	
Flow meter operational?	Yes	
Transfer pump flow rate	1.13	GPM
Filter 1 Pressure @ arrival (In/Out)	6.5	2
Filter 2 Pressure @ arrival(In/Out)	10	2.5
Filters changed?	No	
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure(In/Out)		
Carbon Drums		
Primary carbon drum integrity	Good	
Primary carbon drum leaks?	No	
Primary carbon drum pressure	1.5	PSI
Primary removed for disposal?	No	
Secondary carbon drum integrity	Good	
Secondary carbon drum leaks?	No	
Secondary carbon drum pressure	1	PSI
Secondary rotated to primary?	No	
Polishing carbon drum integrity	Good	
Polishing carbon drum leaks?	No	
Polishing carbon drum pressure	1	PSI
Polishing rotated to secondary?	No	
New carbon polishing drum?	No	

System Status (Departure): Up

Alarms: None

Discharge Piping			
Pipe integrity in shed	Good		
Pipe integrity at catch basin	Good		
Pipe at catch basin clear?	Yes		
Pipe integrity at creek	Good		
Pipe at creek clear?	Yes		
Miscellaneous			
Shed integrity	Good		
Shed ventillation acceptable?	Yes		
Repairs/work needed?	No		
Spill evidence?	No		
Electrical controls operational?	Yes		
Heaters operational?	Yes		
Vault integrity	Good		
Repairs needed to vault?	No		
Sampling			
Monthly sampling performed?	No		
Post Carbon 2 sampled @			
Pre Carbon sampled @			
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		1	Drums
Drums labeled?			Yes
Drums in storage unit?			Yes
Club Vent System			
Fan Running?			Yes
Vac at sump enclosure?			Yes

Notes: Need to order more filters soon, walked system- all looks good

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson
Date: 11/15/2023
Weather: 55 F partly overcast

Totalizer: 193952
Total Pumped: 1985

System Status (Arrival): Up

Alarms: ; None

Oil Water Separator		
High level shut-off operational?	Yes	
Red warning light operational?	Yes	
Separator vessel integrity	Good	
Leaks present?	No	
Separator cover and seal integrity	Good	
Decant valve integrity	Good	
LNAPL in separator?	No	
Separator needs cleaning?	No	
Separator cleaned?	No	
Transfer Pump and Piping		
Pump operational?	Yes	
Pump integrity	Good	
Flow meter operational?	Yes	
Transfer pump flow rate	1.1	GPM
Filter 1 Pressure @ arrival (In/Out)	7	1.5
Filter 2 Pressure @ arrival(In/Out)	10	2
Filters changed?	Yes	
Filter 1 Pressure @ departure (In/Out)	4.5	2
Filter 2 Pressure @ departure(In/Out)	8	3
Carbon Drums		
Primary carbon drum integrity	Good	
Primary carbon drum leaks?	No	
Primary carbon drum pressure	2	PSI
Primary removed for disposal?	No	
Secondary carbon drum integrity	Good	
Secondary carbon drum leaks?	No	
Secondarycarbon drum pressure	1	PSI
Secondary rotated to primary?	No	
Polishing carbon drum integrity	Good	
Polishingcarbon drum leaks?	No	
Polishing carbon drum pressure	0.5	PSI
Polishing rotated to secondary?	No	
New carbon polishing drum?	No	

Notes: na

System Status (Departure): Up

Alarms: none

Discharge Piping			
Pipe integrity in shed	Good		
Pipe integrity at catch basin	Good		
Pipe at catch basin clear?	Yes		
Pipe integrity at creek	Good		
Pipe at creek clear?	Yes		
Miscellaneous			
Shed integrity	Good		
Shed ventilation acceptable?	Yes		
Repairs/work needed?	No		
Spill evidence?	No		
Electrical controls operational?	Yes		
Heaters operational?	Yes		
Vault integrity	Good		
Repairs needed to vault?	No		
Sampling			
Monthly sampling performed?	Yes		
Post Carbon 2 sampled @	12:00		
Pre Carbon sampled @	12:05		
Outside Sump sampled @	12:10		
Recovery and Disposal			
Pure DNAPL Recovery			Gallons
DNAPL / Water Recovery			Gallons
DNAPL drums onsite			Drums
Spent carbon drums onsite			Drums
PPE/Solids drums onsite		1	Drums
Drums labeled?			Yes
Drums in storage unit?			Yes
Club Vent System			
Fan Running?			Yes
Vac at sump enclosure?			Yes

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson
Date: 11/22/2023
Weather: 46F partly rainy

Totalizer: 198870
Total Pumped: 4928

System Status (Arrival): Up

Alarms: ; Red light on

Oil Water Separator		
High level shut-off operational?	Yes	
Red warning light operational?	Yes	
Separator vessel integrity	Good	
Leaks present?	No	
Separator cover and seal integrity	Good	
Decant valve integrity	Good	
LNAPL in separator?	No	
Separator needs cleaning?	No	
Separator cleaned?	No	
Transfer Pump and Piping		
Pump operational?	Yes	
Pump integrity	Good	
Flow meter operational?	Yes	
Transfer pump flow rate	1.33	GPM
Filter 1 Pressure @ arrival (In/Out)	8	2.5
Filter 2 Pressure @ arrival(In/Out)	11.5	3
Filters changed?	No	
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure(In/Out)		
Carbon Drums		
Primary carbon drum integrity	Good	
Primary carbon drum leaks?	No	
Primary carbon drum pressure	2	PSI
Primary removed for disposal?	No	
Secondary carbon drum integrity	Good	
Secondary carbon drum leaks?	No	
Secondary carbon drum pressure	1.5	PSI
Secondary rotated to primary?	No	
Polishing carbon drum integrity	Good	
Polishing carbon drum leaks?	No	
Polishing carbon drum pressure	1	PSI
Polishing rotated to secondary?	No	
New carbon polishing drum?	No	

Notes: NA

System Status (Departure): Up

Alarms: Red light on and off due to rain

Discharge Piping		
Pipe integrity in shed	Good	
Pipe integrity at catch basin	Good	
Pipe at catch basin clear?	Yes	
Pipe integrity at creek	Good	
Pipe at creek clear?	Yes	
Miscellaneous		
Shed integrity	Good	
Shed ventillation acceptable?	Yes	
Repairs/work needed?	No	
Spill evidence?	No	
Electrical controls operational?	Yes	
Heaters operational?	Yes	
Vault integrity	Good	
Repairs needed to vault?	No	
Sampling		
Monthly sampling performed?	No	
Post Carbon 2 sampled @		
Pre Carbon sampled @		
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	1	Drums
Drums labeled?	Yes	
Drums in storage unit?	Yes	
Club Vent System		
Fan Running?	Yes	
Vac at sump enclosure?	Yes	

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson
Date: 11/29/2023
Weather: 28F flurries, snow on ground, overcast

Totalizer: _____
Total Pumped: _____

System Status (Arrival): Up

Alarms: ; None

Oil Water Separator		
High level shut-off operational?	Yes	
Red warning light operational?	Yes	
Separator vessel integrity	Good	
Leaks present?	No	
Separator cover and seal integrity	Good	
Decant valve integrity	Good	
LNAPL in separator?	No	
Separator needs cleaning?	No	
Separator cleaned?	No	
Transfer Pump and Piping		
Pump operational?	Yes	
Pump integrity	Good	
Flow meter operational?	Yes	
Transfer pump flow rate	1.14	GPM
Filter 1 Pressure @ arrival (In/Out)	16	2
Filter 2 Pressure @ arrival(In/Out)	19	2.5
Filters changed?	Yes	
Filter 1 Pressure @ departure (In/Out)	7	4.5
Filter 2 Pressure @ departure(In/Out)	10.5	5.5
Carbon Drums		
Primary carbon drum integrity	Good	
Primary carbon drum leaks?	No	
Primary carbon drum pressure	4.5	PSI
Primary removed for disposal?	No	
Secondary carbon drum integrity	Good	
Secondary carbon drum leaks?	No	
Secondary carbon drum pressure	3	PSI
Secondary rotated to primary?	No	
Polishing carbon drum integrity	Good	
Polishing carbon drum leaks?	No	
Polishing carbon drum pressure	1.5	PSI
Polishing rotated to secondary?	No	
New carbon polishing drum?	No	

System Status (Departure): Up

Alarms: None

Discharge Piping			
Pipe integrity in shed	Poor		
Pipe integrity at catch basin	Good		
Pipe at catch basin clear?	Yes		
Pipe integrity at creek	Good		
Pipe at creek clear?	Yes		
Miscellaneous			
Shed integrity	Good		
Shed ventillation acceptable?	Yes		
Repairs/work needed?	Yes		
Spill evidence?	No		
Electrical controls operational?	Yes		
Heaters operational?	Yes		
Vault integrity	Good		
Repairs needed to vault?	No		
Sampling			
Monthly sampling performed?	No		
Post Carbon 2 sampled @			
Pre Carbon sampled @			
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		1	Drums
Drums labeled?			Yes
Drums in storage unit?			Yes
Club Vent System			
Fan Running?			Yes
Vac at sump enclosure?			Yes

Notes: Changed blue filters. Leak from outgoing piping in L shed (after C3/polishing drum)

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson
Date: 12/06/2023
Weather: 33 overcast, occasional sun

Totalizer: 209659
Total Pumped: 7117

System Status (Arrival): Up
Alarms: ; none

Oil Water Separator		
High level shut-off operational?	Yes	
Red warning light operational?	Yes	
Separator vessel integrity	Good	
Leaks present?	No	
Separator cover and seal integrity	Good	
Decant valve integrity	Good	
LNAPL in separator?	No	
Separator needs cleaning?	No	
Separator cleaned?	No	
Transfer Pump and Piping		
Pump operational?	Yes	
Pump integrity	Good	
Flow meter operational?	Yes	
Transfer pump flow rate	1.14	GPM
Filter 1 Pressure @ arrival (In/Out)	7.5	3.5
Filter 2 Pressure @ arrival(In/Out)	10	4.5
Filters changed?	No	
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure(In/Out)		
Carbon Drums		
Primary carbon drum integrity	Good	
Primary carbon drum leaks?	No	
Primary carbon drum pressure	3.5	PSI
Primary removed for disposal?	No	
Secondary carbon drum integrity	Good	
Secondary carbon drum leaks?	No	
Secondarycarbon drum pressure	2	PSI
Secondary rotated to primary?	No	
Polishing carbon drum integrity	Good	
Polishingcarbon drum leaks?	No	
Polishing carbon drum pressure	1	PSI
Polishing rotated to secondary?	No	
New carbon polishing drum?	No	

Notes:

Collected monthly system samples. Removed vent cap bushing and replace with new one to stop leak that was observed last week. This resulted in more leaking so I removed the fernco coupling and looked in the discharge piping which was clear. So I removed the hose below the valve union and found scale buildup in the valve and in the hose. While cleaning the yellow fitting between the union and hose snapped. Noted replacement parts needed and turned system off.

System Status (Departure): Down
Alarms: none

Discharge Piping		
Pipe integrity in shed		Poor
Pipe integrity at catch basin		Good
Pipe at catch basin clear?		Yes
Pipe integrity at creek		Good
Pipe at creek clear?		Yes
Miscellaneous		
Shed integrity		Good
Shed ventilation acceptable?		Yes
Repairs/work needed?		No
Spill evidence?		No
Electrical controls operational?		Yes
Heaters operational?		Yes
Vault integrity		Good
Repairs needed to vault?		No
Sampling		
Monthly sampling performed?		Yes
Post Carbon 2 sampled @		14:20
Pre Carbon sampled @		14:30
Outside Sump sampled @		14:40
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
Drums in storage unit?		Yes
Club Vent System		
Fan Running?		Yes
Vac at sump enclosure?		Yes

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson
Date: 12/13/2023
Weather: 28F, overcast

Totalizer: 216934
Total Pumped: 7274

System Status (Arrival): Up
Alarms: ; none

Oil Water Separator		
High level shut-off operational?	Yes	
Red warning light operational?	Yes	
Separator vessel integrity	Good	
Leaks present?	No	
Separator cover and seal integrity	Good	
Decant valve integrity	Good	
LNAPL in separator?	No	
Separator needs cleaning?	No	
Separator cleaned?	No	
Transfer Pump and Piping		
Pump operational?	Yes	
Pump integrity	Good	
Flow meter operational?	Yes	
Transfer pump flow rate	0.8	GPM
Filter 1 Pressure @ arrival (In/Out)	15	4.5
Filter 2 Pressure @ arrival(In/Out)	18	5.5
Filters changed?	Yes	
Filter 1 Pressure @ departure (In/Out)	6	3.5
Filter 2 Pressure @ departure(In/Out)	10	4.5
Carbon Drums		
Primary carbon drum integrity	Good	
Primary carbon drum leaks?	No	
Primary carbon drum pressure	5.5	PSI
Primary removed for disposal?	No	
Secondary carbon drum integrity	Good	
Secondary carbon drum leaks?	No	
Secondary carbon drum pressure	4.5	PSI
Secondary rotated to primary?	No	
Polishing carbon drum integrity	Good	
Polishing carbon drum leaks?	No	
Polishing carbon drum pressure	1.5	PSI
Polishing rotated to secondary?	No	
New carbon polishing drum?	No	

System Status (Departure): Up
Alarms: none

Discharge Piping		
Pipe integrity in shed	Poor	
Pipe integrity at catch basin	Good	
Pipe at catch basin clear?	Yes	
Pipe integrity at creek	Good	
Pipe at creek clear?	Yes	
Miscellaneous		
Shed integrity	Good	
Shed ventilation acceptable?	Yes	
Repairs/work needed?	Yes	
Spill evidence?	Yes	
Electrical controls operational?	Yes	
Heaters operational?	Yes	
Vault integrity	Good	
Repairs needed to vault?	No	
Sampling		
Monthly sampling performed?	No	
Post Carbon 2 sampled @		
Pre Carbon sampled @		
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	1	Drums
Drums labeled?	Yes	
Drums in storage unit?	Yes	
Club Vent System		
Fan Running?	Yes	
Vac at sump enclosure?	Yes	

Notes: Leak ensued through vent again due to scale buildup at the bottom of the hose where it connects to the barb fitting on the camlock. Flipped the hose around to push out buildup, no leaking after that.

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson
Date: 12/20/2023
Weather: 39F overcast

Totalizer: 224012
Total Pumped: 7078

System Status (Arrival): Up
Alarms: ; None

Oil Water Separator		
High level shut-off operational?	Yes	
Red warning light operational?	Yes	
Separator vessel integrity	Good	
Leaks present?	No	
Separator cover and seal integrity	Good	
Decant valve integrity	Good	
LNAPL in separator?	No	
Separator needs cleaning?	No	
Separator cleaned?	No	
Transfer Pump and Piping		
Pump operational?	Yes	
Pump integrity	Good	
Flow meter operational?	Yes	
Transfer pump flow rate	1.24	GPM
Filter 1 Pressure @ arrival (In/Out)	6.5	3.5
Filter 2 Pressure @ arrival(In/Out)	10	4.5
Filters changed?	No	
Filter 1 Pressure @ departure (In/Out)		
Filter 2 Pressure @ departure(In/Out)		
Carbon Drums		
Primary carbon drum integrity	Good	
Primary carbon drum leaks?	No	
Primary carbon drum pressure	3.5	PSI
Primary removed for disposal?	No	
Secondary carbon drum integrity	Good	
Secondary carbon drum leaks?	No	
Secondarycarbon drum pressure	3	PSI
Secondary rotated to primary?	No	
Polishing carbon drum integrity	Good	
Polishingcarbon drum leaks?	No	
Polishing carbon drum pressure	0.5	PSI
Polishing rotated to secondary?	No	
New carbon polishing drum?	No	

System Status (Departure): Up
Alarms: None

Discharge Piping		
Pipe integrity in shed	Good	
Pipe integrity at catch basin	Good	
Pipe at catch basin clear?	Yes	
Pipe integrity at creek	Good	
Pipe at creek clear?	Yes	
Miscellaneous		
Shed integrity	Good	
Shed ventilation acceptable?	Yes	
Repairs/work needed?	No	
Spill evidence?	No	
Electrical controls operational?	Yes	
Heaters operational?	Yes	
Vault integrity	Good	
Repairs needed to vault?	No	
Sampling		
Monthly sampling performed?	No	
Post Carbon 2 sampled @		
Pre Carbon sampled @		
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	1	Drums
Drums labeled?	Yes	
Drums in storage unit?	Yes	
Club Vent System		
Fan Running?	Yes	
Vac at sump enclosure?	Yes	

Notes: Next week will be last visit for year

NYSDEC - Gastown 126 East Niagara St

Technician: Jessica Paterson
Date: 12/28/2023
Weather: 48F overcast and foggy

Totalizer: 232096
Total Pumped: 8084

System Status (Arrival): Up
Alarms: ; Red light on

Oil Water Separator		
High level shut-off operational?	Yes	
Red warning light operational?	Yes	
Separator vessel integrity	Good	
Leaks present?	No	
Separator cover and seal integrity	Good	
Decant valve integrity	Good	
LNAPL in separator?	No	
Separator needs cleaning?	No	
Separator cleaned?	No	
Transfer Pump and Piping		
Pump operational?	Yes	
Pump integrity	Good	
Flow meter operational?	Yes	
Transfer pump flow rate	1.18	GPM
Filter 1 Pressure @ arrival (In/Out)	8	4
Filter 2 Pressure @ arrival(In/Out)	12	5
Filters changed?	Yes	
Filter 1 Pressure @ departure (In/Out)	7	4.5
Filter 2 Pressure @ departure(In/Out)	10	5.5
Carbon Drums		
Primary carbon drum integrity	Good	
Primary carbon drum leaks?	No	
Primary carbon drum pressure	4	PSI
Primary removed for disposal?	No	
Secondary carbon drum integrity	Good	
Secondary carbon drum leaks?	No	
Secondarycarbon drum pressure	3	PSI
Secondary rotated to primary?	No	
Polishing carbon drum integrity	Good	
Polishingcarbon drum leaks?	No	
Polishing carbon drum pressure	0.5	PSI
Polishing rotated to secondary?	No	
New carbon polishing drum?	No	

System Status (Departure): Up
Alarms: Red light on, bumped flow rate to 1.3 to help

Discharge Piping		
Pipe integrity in shed	Good	
Pipe integrity at catch basin	Good	
Pipe at catch basin clear?	Yes	
Pipe integrity at creek	Good	
Pipe at creek clear?	Yes	
Miscellaneous		
Shed integrity	Good	
Shed ventilation acceptable?	Yes	
Repairs/work needed?	No	
Spill evidence?	No	
Electrical controls operational?	Yes	
Heaters operational?	Yes	
Vault integrity	Good	
Repairs needed to vault?	No	
Sampling		
Monthly sampling performed?	No	
Post Carbon 2 sampled @		
Pre Carbon sampled @		
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	1	Drums
Drums labeled?	Yes	
Drums in storage unit?	Yes	
Club Vent System		
Fan Running?	Yes	
Vac at sump enclosure?	Yes	

Notes: Put new chlorine tabs in OWS, changed sediment filters, red light on upon arrival. Bumped flow rate up slightly before leaving to 1.3. Last visit of the year- everything appears to be running smoothly.