



Quick Tips: Pipeline Watch-Dogging and Photo Monitoring

Your safety is the most important thing – never travel near construction activities where you would be in harms way and always monitor with a partner. Do not trespass and be sure to get written permission from the landowner or work with DRN to ensure DRN has written permission before accessing any private property. If you have permission from a landowner to be on their property to access near the right-of-way (ROW) to view it from a safe distance, a safety vest, and hard hat are recommended. **Binoculars and a camera with a zoom lens** are essential for pipeline watch-dogging as not to get in harms way and to stay off of the active construction ROW. Delaware Riverkeeper Network is collecting visual assessments and photo documentation of field conditions to assist with reporting pollution to agencies from pipeline construction practices.

Field List:

- ✓ safety vest, hard hat, and eye protection
- ✓ binoculars
- ✓ Clipboard, datasheets, pencil/pen
- ✓ Camera with zoom lens & GPS if you have one to document your photo point
- ✓ Smart phone users can snap photos that give lat and long. and time stamp - for iphone users, under settings, privacy and location services – be sure for camera you have the tap “on” – then the photo is saved with the lat long as part of the properties (important to verify location and date).

Delaware Riverkeeper Network is submitting reports of observations to agencies on a regular basis. It is critical volunteer monitors provide photos and data as soon as possible, especially suspected problems. You can text an urgent matter and photo to Faith at 610-291-1403 with a brief description of observation. You can email photos to joe@delawariverkeeper.org and faith@delawariverkeeper.org. Non-emergency photos can be posted at DRN’s Private Facebook Monitor Group (we will add you to the group when you sign up to monitor – you will need a FB account). You can also add photos to a Picassa account and share an album of multiple pictures in that format or drop photos into the Delaware Riverkeeper Pipeline Watch Drop Box.

To report immediate sediment problems (take multiple photos and video if possible to document the pollution – grab a sample if sediment discharging into waterbody from construction site): Contact Faith at 215-369-1188 ext. 110 or 1-800-8DELAWARE

For sediment discharging into wetlands and streams from construction practices:

New Jersey Sussex Co. Soil Conservation District - 973-579-5074, Cliff Lundin, District Manager cliff-lundin@sussexscd.org
Pike County Conservation District – (570) 226-8220, Sally Corrigan, District Manager, scorrigan@pikepa.org
Wayne County Conservation District – 570-253-0930, Robert Muller, District Manager, rmuller@co.wayne.pa.us

Other important agency numbers: PA Game Commission 717-787-4250; US Army Corps (wetlands in PA) NJ DEP 877-927-6337; NJ Fish & Game, 877-927-6337; PA DEP Regional Complaint Line (866) 255-5158 Ext. 2
The PA Fish and Boat Commission's new toll free hot-line at 1-855-FISH-KIL (1-855-347-4545)

Delaware Riverkeeper Network’s hotline – 1800-8DELAWARE

Pipeline Watch-Dog CheckList 1 – Tree Cutting and Mapping Phase

Date of Observation: _____

Name: _____

Email: _____

Cell Phone or Phone Number: _____

Location Description: _____

Mile post (if known): _____

Activity	Observed	N/A	Photo taken	Comments
Missing or inadequate flagging and signage of sensitive waterbodies				
Missing or inadequate perimeter markings to delineate edge of allowed tree clearing (no blue spray paint or delineation)				
Temporary work spaces (TWS or additional temporary work spaces (ATWS) too close or on top of streams (marked with wooden stakes and pink flagging)				
Signs for refueling are too close or upstream of waterbodies				
Muddy access roads (potential				
Sediment discharging to waterbody due to mud or erosion problems from heavy eqt.				
Lack or stone/rip rap on muddy access roads				
No secondary containment when refueling				
Crews trespassing outside ROW				
Refueling equipment too close to streams or waterbodies				
Improper or unsafe safety equipment for tree crews (missing earplugs, goggles, chaps, etc.)				

Permanent ROW – is 50 feet; temporary work space (TWS) is 50 feet; and additional work space (ATWS) can be 25– 50'

When taking pictures of signage – make sure the sign has the MP (milepost) (52.80 is 5,280 feet from the 0.0 mile post – 0.0 MP is Schocopee road – access road 10 in Del State Forest) --- take photos and record this information and then we can see where you are.

White flagging on wooden stake marker = pipeline center line

Pink markers with three wooden corner stakes = temporary work space (TWS) and alternate temporary work space (ATWS)

Send completed datasheet to: Delaware Riverkeeper Network, 925 Canal Street, 7th Floor, Bristol, PA 19007 or email to: faith@delawareriverkeeper.org Questions? Call Joe Zenes, Delaware Riverkeeper Network at 570-445-1845.

Pipeline Watch-Dog CheckList 2 – Tree Clearing and Pipeline Construction Phases

Rain Event Monitoring Event (circle one) – Yes or No (circle one)

Date of Observation: _____ # Visit to This Location: _____ Time (military): _____

Current Weather Conditions: _____ Last Rain Event: _____ Precip. Amount: _____

Name: _____

Email: _____

Observer Cell Phone/Phone Number: _____

Location Description: _____

Pipeline Mile Post (if known – from USGS quads/alignment sheets or field markers): _____

Steep slopes present (circle one)? Yes No

Stream Crossing or wetland present? Yes No If so please provide ID number(s)/name(s): _____

If repeat visit, are you seeing same problems not being fixed? Yes No Explain in comments section

Did you call/email photos to alert DRN to any issues observed this visit? Yes No

Activity	Check if Observed	Photos taken	Description of Issue/Comments
Missing or inadequate flagging and signage of sensitive waterbodies and boundaries			
"No Refueling" signs not within 100' of wetland boundary/missing			
Top soil piles not marked			
Compromised/inadequate/broken/improperly staked perim. control (compost sock, siltfence)			
Sediment-laden run-around/under perimeter control			
Sediment discharging to stream or wetland and muddying water outside perimeter controls			
Wetland timbers inadequate/muddy/discharging sediment			
No/inadequate skirt formed of silt fence, fabric on the sides & bottom of timbers and bridge to trap sediment (diapers missing)			
Signs of sediment discharge (stained leaves/vegetation)			
Haybales inadequate/non-existent by stream crossings at work day end (EC2)			
Mud tracked on main road from ROW			
Lack of adequate stone/riprap at construction entrance			
Sediment running off access roads/into road ditches to stream			

Activity	Check if Observed	Photos taken	Description of Issue/Comments
Trenching over 1,000 ft on steep slopes - (too much disturbance)			
Slope breakers not adequate			
Active erosion gullies on ROW/Access roads			
Improper or unsafe safety equipment for construction crews			
No secondary containment when refueling			
Top soil not segregated properly			
Trench plugs missing for wetland crossings			
Excessive compaction outside travel lanes			
Wetland lymed or fertilized (not permitted)			
Mulch blown into adjacent ROW at depth >12 inches			
Signs of petroleum sheen or leaks			
Overall Issues Observed On Site	Yes/No	Info on photo points established/location/exposures/vantage points	
Failure to maintain effective E&S BMPs			
Site conditions present a potential for pollution to waters of the Commonwealth			
Sediment or other pollutant was discharged into waters			
Failure to implement effective E&S control BMPs			
Failure to provide temporary stabilization to earth disturbance			
Violations of Clean Streams Law			

Additional Notes and Comments:

Additional Photo Information:

Send completed datasheet to: Delaware Riverkeeper Network, 925 Canal Street, 7th Floor, Bristol, PA 19007 or scan and email to: faith@delawareriverkeeper.org. Or Fax to 215-369-1181. Email pollution photos and documentation immediately to Joe Zenes, joe@delawareriverkeeper.org. Call Joe Zenes at 570-445-1845 or Faith Zerbe at 215-369-1188 ext 110.